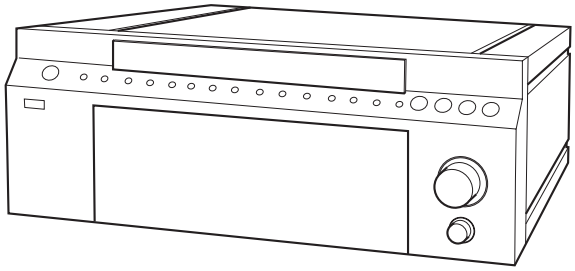
# TA-DA9000ES

# SERVICE MANUAL

*AEP Model*
*E Model*

**Ver 1.2 2004.09**



This amplifier incorporates Dolby* Digital and Pro Logic Surround and the DTS** Digital Surround System.

* Manufactured under license from Dolby Laboratories.
"Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

** "DTS", "DTS-ES Extended Surround", and "Neo:6" are trademarks of Digital Theater Systems, Inc.

## SPECIFICATIONS

### Amplifier section

POWER OUTPUT
Rated Power Output at Stereo Mode[1)]
(8 ohms, 20 Hz – 20 kHz, THD 0.15%)
200 W + 200 W
(4 ohms, 20 Hz – 20 kHz, THD 0.15%)
220 W + 220 W
Reference Power Output
(8 ohms, 1 kHz, THD 0.09%)
FRONT[2)]: 200 W + 200 W
CENTER[2)]: 200 W
SURR[2)]: 200 W + 200 W
SURR BACK[2)]: 200 W + 200 W
(4 ohms, 1 kHz, THD 0.09%)
FRONT[2)]: 220 W + 220 W
CENTER[2)]: 220 W
SURR[2)]: 220 W + 220 W
SURR BACK[2)]: 220 W + 220 W

1) Depending on the sound field settings and the source, there may be no sound output.
2) Measured under the following conditions:

| Area code | Power requirements |
|---|---|
| CEL | 230 V AC, 50/60 Hz |
| TW | 110 V AC, 60 Hz |
| KR | 230 V AC, 60 Hz |

Frequency response

| | |
|---|---|
| PHONO | RIAA equalization curve ±0.5 dB |
| Power Amp Block | 10 Hz – 50 kHz ± 3 dB (8 ohms) |

Inputs (Analog)

| | |
|---|---|
| PHONO | Sensitivity: 3.5 mV<br>Impedance: 50 kilohms<br>S/N[3)]: 90 dB (A, 40 mV[4)]) |
| CD/SACD, TAPE, MD/DAT, DVD, LD, TV/SAT, VIDEO 1, 2, 3, 4, 5 | Sensitivity: 170 mV<br>Impedance: 50 kilohms<br>S/N[3)]: 100 dB (A, 2V[4)]) |

3) Input shorted and sealed at VOL MAX.
4) Weighted network + 20 kHz LPF, input level.

Inputs (Digital)

| | |
|---|---|
| CD/SACD, DVD, LD, VIDEO 1, TV/SAT (Coaxial) | Impedance: 75 ohms<br>S/N: 100 dB<br>(A Network, 20 kHz LPF) |
| CD/SACD, DVD, LD, TV/SAT, MD/DAT, VIDEO1, 3 (Optical) | S/N: 100 dB<br>(A Network, 20 kHz LPF) |

Outputs

| | |
|---|---|
| TAPE, MD/DAT (REC OUT), VIDEO 1, 2, 3 (AUDIO OUT) | Voltage: 170 mV<br>Impedance: 2.2 kilohms |
| FRONT L/R, CENTER, SURROUND L/R, SURROUND BACK L/R, SUB WOOFER | Voltage: 2 V<br>Impedance: 220 ohms |

EQUALIZER

| | |
|---|---|
| Gain levels | ±10 dB, 1 dB step |

### Video section

Inputs/Outputs
Video: 1 Vp-p, 75 ohms
S-video: Y: 1 Vp-p, 75 ohms
C: 0.286 Vp-p, 75 ohms
COMPONENT VIDEO: Y: 1 Vp-p, 75 ohms
$P_B/C_B$/B-Y: 0.7 Vp-p, 75 ohms
$P_R/C_R$/R-Y: 0.7 Vp-p, 75 ohms

– Continued on next page –

## MULTI-CHANNEL INTEGRATED AMPLIFIER

**9-961-291-03**
2004I05-1
© 2004.09
**Sony Corporation**
**Audio Group**
**Published by Sony Engineering Corporation**

SONY®

### i.LINK section

| | |
|---|---|
| Pin | 4 pins |
| Transmission speed | S200 (Maximum data transmission speed 200 Mbps) |
| Transmission protocol | A/M transmission protocol |
| Format (input) | Super Audio CD* (DSD PLAIN)<br>2 channel linear PCM (IEC-60958-3)<br>Sampling frequency: 44.1 kHz |

* Conforms to the copy protection technology of DTLA (Revision 1.2).

### General

Power requirements

| Area code | Power requirements |
|---|---|
| AEP | 230 V AC, 50/60 Hz |
| Taiwan | 110 V AC, 60 Hz |
| Korean | 220 V AC, 60 Hz |

| | |
|---|---|
| Power consumption | 600 W |
| Power consumption (during standby mode) | 1 W |

AC outlets

| Area code | AC outlets |
|---|---|
| AEP | 1 switched, 100 W MAX |
| except AEP | – (no AC outlet) |

| | |
|---|---|
| Dimensions | 430 × 238 × 480 mm including projecting parts and controls |
| Mass (Approx.) | 28.5 kg |

### Supplied accessories

AC power coad (1)
Easy Setup Guide (1)
Remote commander RM-LJ312 (1)
Operating Instructions for RM-LJ312 (1)
R6 (size-AA) batteries (3)

Design and specifications are subject to change without notice.

**SAFETY-RELATED COMPONENT WARNING!!**

**COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.**

### Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

### : LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40 ˚C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350 ˚C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscou-s (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

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# SECTION 1
# SERVICING NOTES

### NOTES ON REPLACEMENT OF I. LINK BOARD

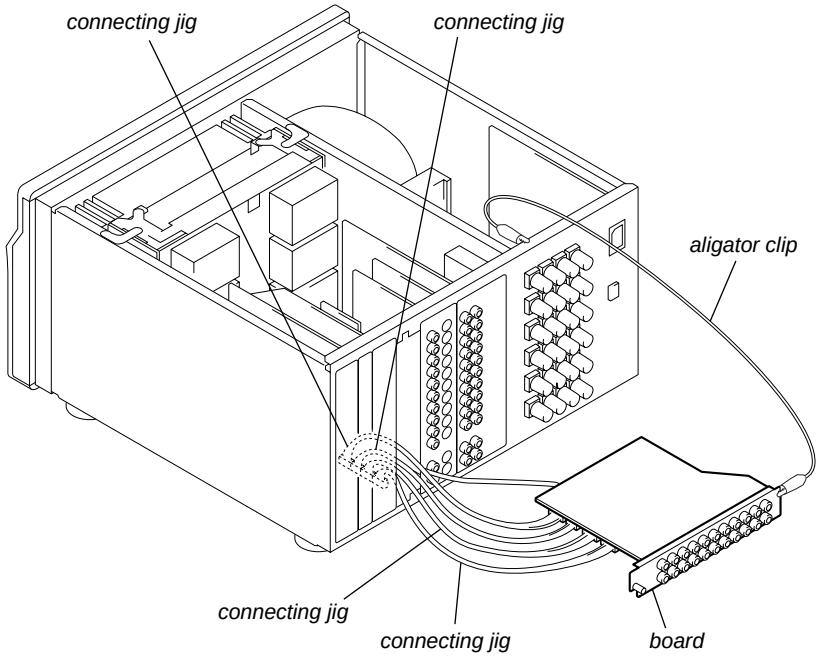
New part of microcomputer (IC3002) and EEPROM (IC3001) on the I. LINK board cannot be used. Therefore, if the mounted I. LINK board (A-4733-835-A) is replaced, exchange new microcomputer and new EEPROM with that used before the replacement.

### OPERATION CHECK OF STANDING BOARDS ON THE MOTHER BOARD

The standing boards connected to the MOTHER board via the connectors can be operated using the jig with the standing boards disconnected from the MOTHER board.
In such a case, for the board with the bracket (back panel), remove the board together with the bracket from the MOTHER board, and connect the bracket to the chassis using a cable attached with alligator clips for GND connection.

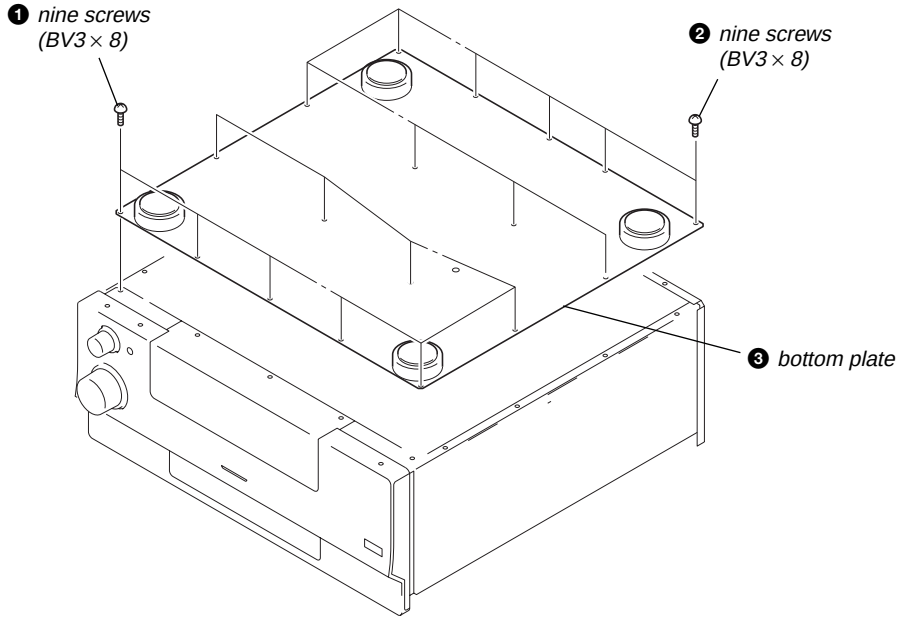
| Board | Ref. No. of connector | | Pitch/Pin | Part No. of jig |
|---|---|---|---|---|
| | Each board | MOTHER board | | |
| DIGITAL board | CN2001 | CNS801 | 1.25mm/20 pin | J-2501-260-A |
| | CN2002 | CNS802 | 1.25mm/20 pin | J-2501-260-A |
| | CN2003 | CNS803 | 1.25mm/16 pin | J-2501-258-A |
| | CN2004 | CNS804 | 1.25mm/18 pin | J-2501-259-A |
| | CN2005 | CNS805 | 1.25mm/20 pin | J-2501-260-A |
| I. LINK board | CN3501 | CNS806 | 1.25mm/16 pin | J-2501-258-A |
| | CN3502 | CNS807 | 1.25mm/18 pin | J-2501-259-A |
| | CN3503 | CNS808 | 1.25mm/6 pin | J-2501-253-A |
| MAIN board | CN101 | CNS810 | 1.25mm/14 pin | J-2501-257-A |
| | CN102 | CNS811 | 1.25mm/14 pin | J-2501-257-A |
| | CN103 | CNS809 | 1.25mm/8 pin | J-2501-254-A |
| | CN104 | CNS825 | 1.25mm/20 pin | J-2501-260-A |
| | CN105 | CNS824 | 1.25mm/10 pin | J-2501-255-A |
| PREOUT board | CN1201 | CNS822 | 1.25mm/16 pin | J-2501-258-A |
| | CN1203 | CNS823 | 1.25mm/10 pin | J-2501-255-A |
| SUB board | CN1003 | CNS812 | 1.25mm/14 pin | J-2501-257-A |
| | CN1002 | CNS813 | 1.25mm/14 pin | J-2501-257-A |
| | CN1001 | CNS814 | 1.25mm/8 pin | J-2501-254-A |
| | CN1006 | CNS826 | 1.25mm/12 pin | J-2501-256-A |
| VIDEO board | CN302 | CNS816 | 1.25mm/18 pin | J-2501-259-A |
| | CN301 | CNS815 | 1.25mm/8 pin | J-2501-254-A |
| S-VIDEO board | CN402 | CNS817 | 1.25mm/20 pin | J-2501-260-A |
| | CN401 | CNS818 | 1.25mm/6 pin | J-2501-253-A |
| COMPONENT board | CN1303 | CNS819 | 1.25mm/20 pin | J-2501-260-A |
| | CN1302 | CNS820 | 1.25mm/16 pin | J-2501-258-A |
| | CN1301 | CNS821 | 1.25mm/20 pin | J-2501-260-A |
| AMP board | CN1501 | CN824 | 2.5mm/20 pin | J-2501-262-A |
| | CN1507 | CN816 | 2.5mm/6 pin | J-2501-261-A |
| | CN1508 | CN815 | 2.5mm/6 pin | J-2501-261-A |

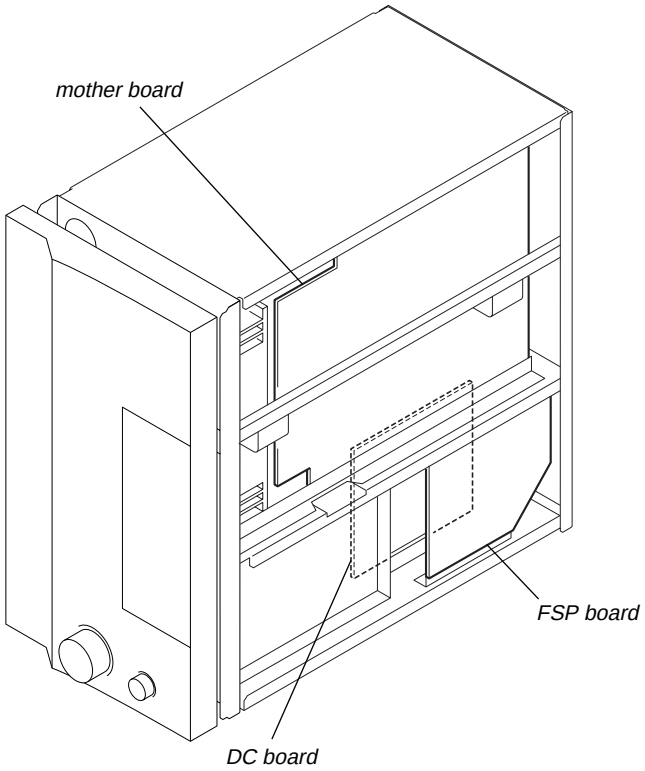
**Example of Connection**



**Note:** Follow the disassembly procedure in the numerical order given.

**– BOTTOM VIEW –**

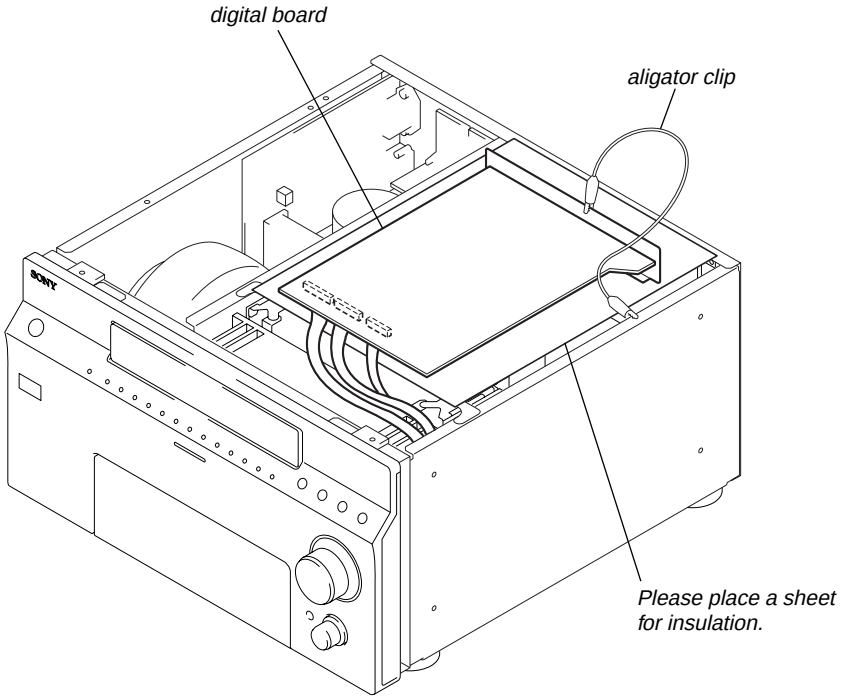


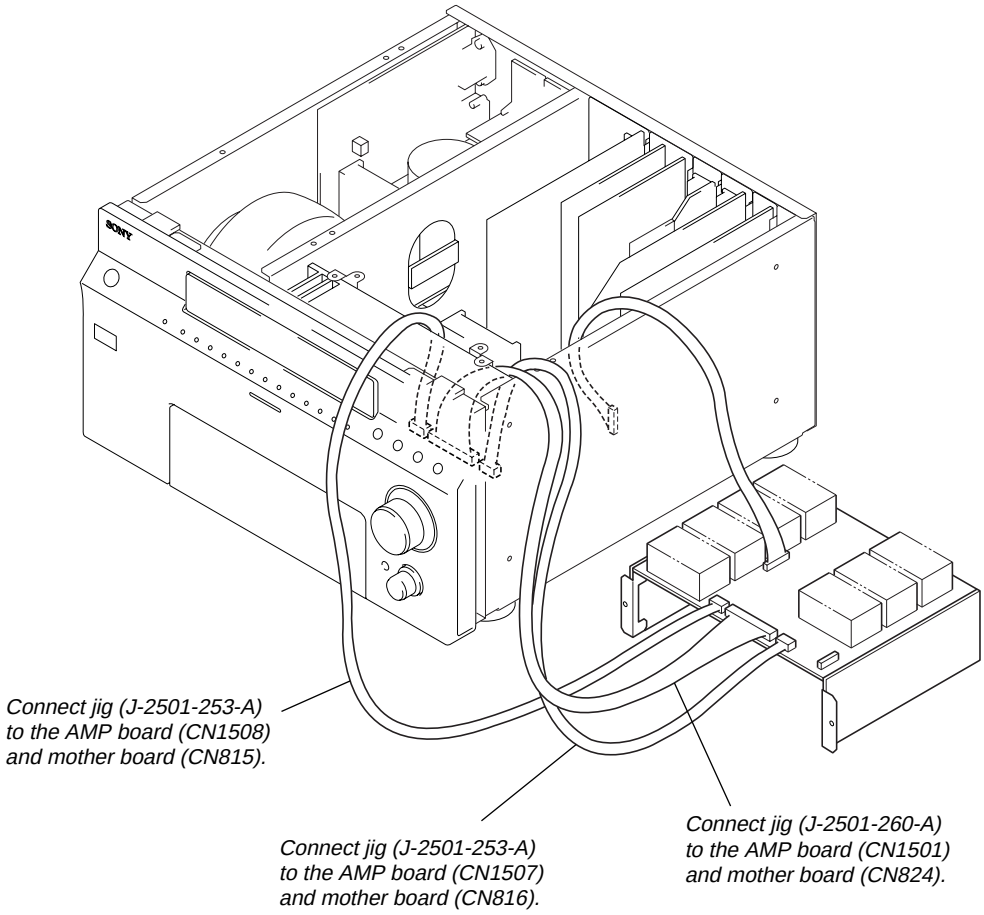

*NOTE:*
- *FSP board can be removed in this state.*
- *In the same state after removing a FSP board, the check of DC board can be performed.*

**DIGITAL BOARD SERVICE POSITION**

**Note:** Case (top) and Case (side-L)/(side-R) are removed.

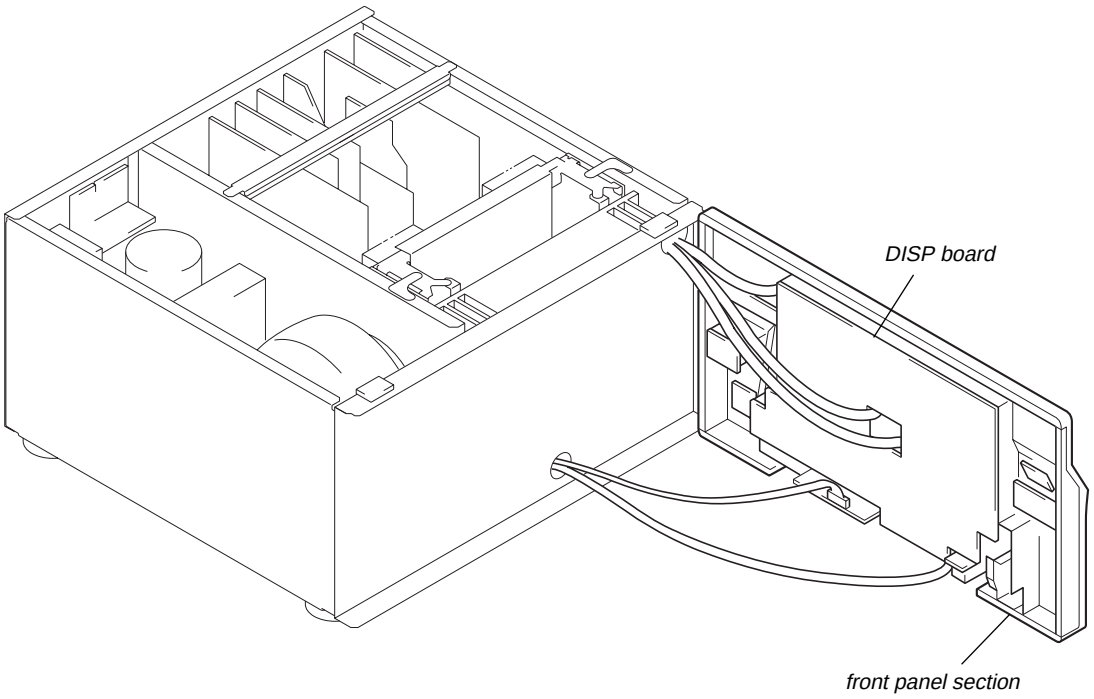



**AMP BOARD SERVICE POSITION**


Connect jig (J-2501-253-A)
to the AMP board (CN1508)
and mother board (CN815).
Connect jig (J-2501-253-A)
to the AMP board (CN1507)
and mother board (CN816).
Connect jig (J-2501-260-A)
to the AMP board (CN1501)
and mother board (CN824).

**DISP BOARD SERVICE POSITION**

**Note:** Please open a front panel on the right hand side of the set front.




- **MODEL IDENTIFICATION**

**– Back Panel –**

| Model | PART No. |
|---|---|
| AEP model | 4-248-144-1□ |
| Korean model | 4-248-144-2□ |
| Taiwan model | 4-248-144-3□ |

**ERROR MESSAGES**

If there is a malfunction, the display shows a code of two numbers and a message. You can check the condition of the system by message. Refer to the following table to solve the problem.

| messages | check code | cause and response |
|---|---|---|
| DECODE ERROR | 01 | Appears when the signal which the receiver can not decode (example DSD-CD) is input when “DEC. PRI.” in the CUSTOM IZE menu is set to “PCM”. Set to “AUTO”. |
| PROTECTOR | 11 | Irregular current output to the speakers. Turn off the receiver and check the speaker connection. Then turn on the power again. Be comes this display, When short current flowed with breakage of the power MOS, or when detection resistor becomes open in connection with it. |
| PROTECTOR | 12 | The amplifier section is overheated. Turn off the receiver and check that the ventilation hole is not covered. Leave the receiver for a while and turn on the power again. |
| PROTECTOR | 13 | The power supply section is overheated. Turn off the receiver and check that the ventilation hole is not covered. leave the receiver for a while and turn on the power again. |
| PROTECTOR | 21 | DC between speaker terminal is detected (abnomalities such as DSD 0DATA and signal clip can be considered). Turn off the receiver and check the speaker connection. Then turn on the power again. |
| PROHIBITED | 71 | The receiver can't output the sound due to the copyright protection. |
| UNKNOWN SIGNAL | 72 | The receiver isn't compatible with the format of the input signal. |

# SECTION 2
# GENERAL

This section is extracted from instruction manual.

## LOCATION OF CONTROLS

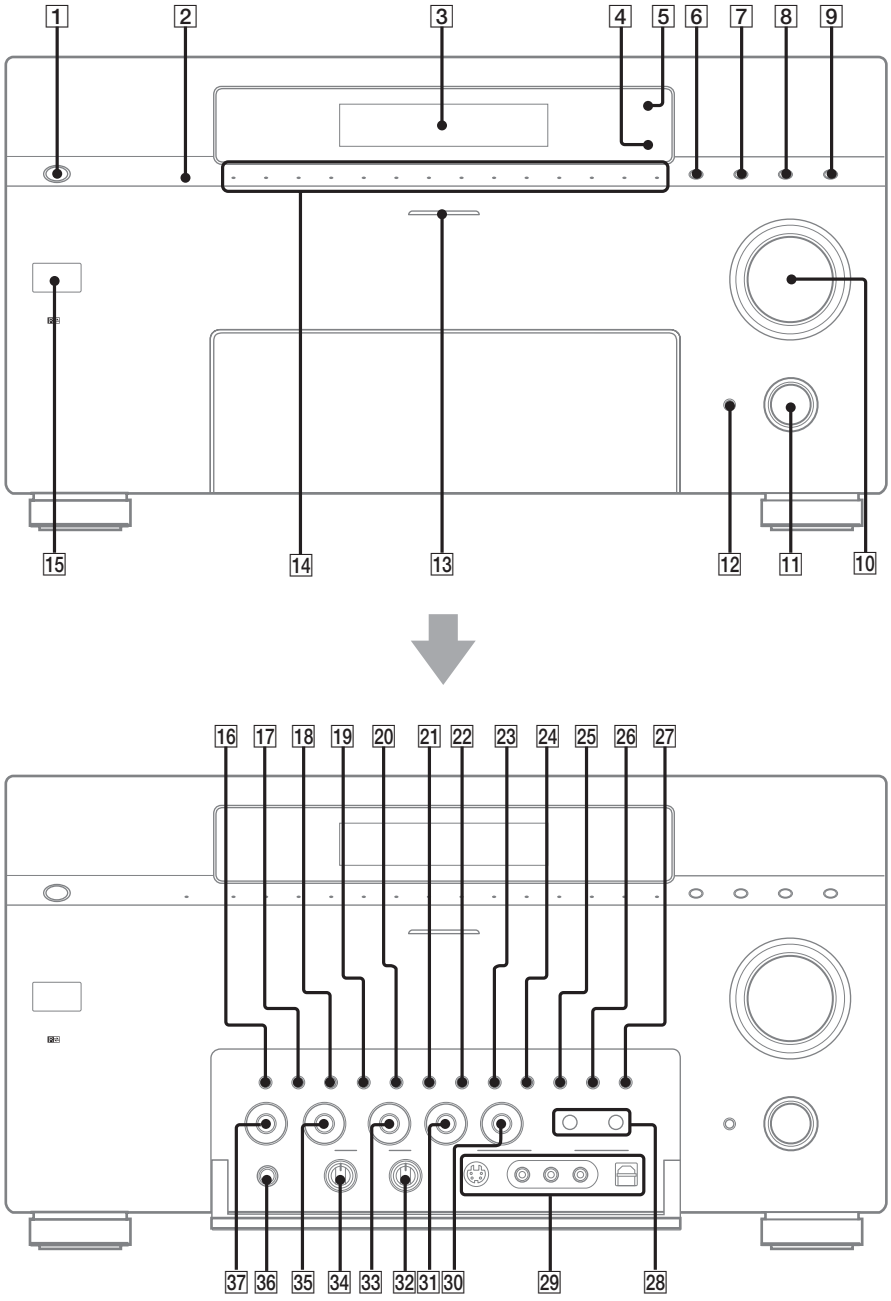
### Main unit

**ALPHABETICAL ORDER**

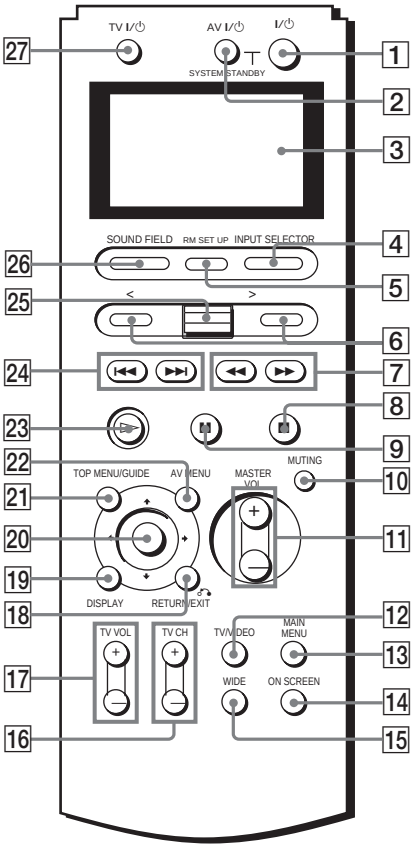
A.F.D. 7
BASS 37
DECODE PRIORITY 24
Digital Cinema Sound indicator 5
DIMMER 16
DIRECT 25
DIRECT indicator 2
DISPLAY 23
Display 3
ENTER 21
Input indicators 14
INPUT MODE 12
INPUT SELECTOR 11
IR receptor 15
MAIN MENU 33
MASTER VOLUME 10
MENU 31
MOVIE 8
MULTI CH IN 1/2 26
MULTI CHANNEL DECODING indicator 13
MUSIC 9
NIGHT MODE 18
ON SCREEN 19
PHONES jack 36
REC OUT SELECTOR +/– 28
SB DEC indicator 4
SLEEP 17
SPEAKERS FRONT switch 34
SPEAKERS SURROUND switch 32
SURR BACK DECODING 27
TEST TONE 20
TREBLE 35
USER PRESET 22
VIDEO 5 INPUT jacks 29

**NUMBERS AND SYMBOLS**

2CH 6
**I**/⏻ (power) 1
–/+ 30



### – Remote Commander –




**I/⏻ 1**

Press to turn the receiver on or off.

**AV I/⏻ 2**

Press to turn on or off the components that the remote is programmed to operate. For details on programming procedure, see P rogramming the remote on page 16.

If you press the **I/⏻** switch (1) at the same time, it will turn off the main component and other Sony audio/video components (SYSTEM STANDBY).

**No te**

The function of the AV **I/⏻** switch changes automatically each time you press INPUT SELECTOR (4). Depending on the component, the above operation may not be possible or may operate differently than described.

**AV MENU 22**

Press to display the menus of the VCR, DVD player, or satellite tuner on the TV screen. Then use the control button to perform the menu operations.

**Control button 20**

After pressing MAIN MENU, TOP MENU/GUIDE, or AV MENU, move the control button up, down, left or right to select the settings. When you press TOP MENU/GUIDE or AV MENU, press the button to enter the selection.

To perform menu operations on the VCR, DVD player, or SAT tuner, do the procedure below. If you do not do this, the cursor buttons merely operate the receiver.

1 Press INPUT SELECTOR and move the easy scroll key to select the input, then press the key to enter the selection.
2 Press MAIN MENU, TOP MENU/ GUIDE, or AV MENU.
The CURSOR TYPE list appears. If the list has disappeared before you go on to step 3, press any of the cursor buttons to restore the list.
3 Move the easy scroll key to select the component that you selected in step 1, then press the key to enter the selection.

**DISPLAY 19**

Press to select information displayed on the TV screen.

**Display window 3**

The current status of the selected component or a list of selectable items appears here.

**Note**

Characters other than letters of the alphabet or numbers may be displayed incorrectly on the remote, even if they appear correctly in the display window on the main unit.

**Easy scroll key 25**

While displaying a list, move up or down to select an item from the list, and then press to enter the selection.

**INPUT SELECTOR 4**

Press to display the input (component) list.

**MAIN MENU 13**

Press repeatedly to select a menu (SURROUND, etc.) for the receiver.

**MASTER VOL +/– 11**

Press to adjust the volume level of all speakers at the same time.

**MUTING 10**

Press to mute the sound.

**ON SCREEN 14**

Press to display the menus of the receiver on the TV screen.

**RETURN ↶/EXIT 18**

Press to return to the previous menu or exit the menu while the menu or guide of the VCR, DVD player, or satellite tuner is displayed on the TV screen.

**RM SET UP 5**

Press to display the set up list.

**SOUND FIELD 26**

Press to display the sound field list.

**TOP MENU/GUIDE 21**

Press to display the menu or guide of the DVD player or satellite tuner on the TV screen. Then use the control button to perform the menu operations.

**TV I/⏻ 27**

Press to turn TV on or off.

**TV/VIDEO 12**

Press to change the input mode of the TV.

**TV CH +/– 16**

Press to switch the channel of TV.

**TV VOL +/– 17**

Press to adjust the volume of TV.

**WIDE 15**

Press to switch the TV to the wide mode.

**</> 6**

Press to change the information displayed on the display. Press the < button repeatedly to display the RECEIVER menu, press the > button repeatedly to display the SUB menu or NUM menu.

In the NUM menu, move the easy scroll key to select the numeric value, then press the key to enter the selection.

**▷ 23**

Press to start play of the playback medium.

**II 9**

Press to pause play or recording, or press to start recording when the component is in recording standby.

**■ 8**

Press to stop play.

**I◀◀ /▶▶I 24**

Press to skip tracks.

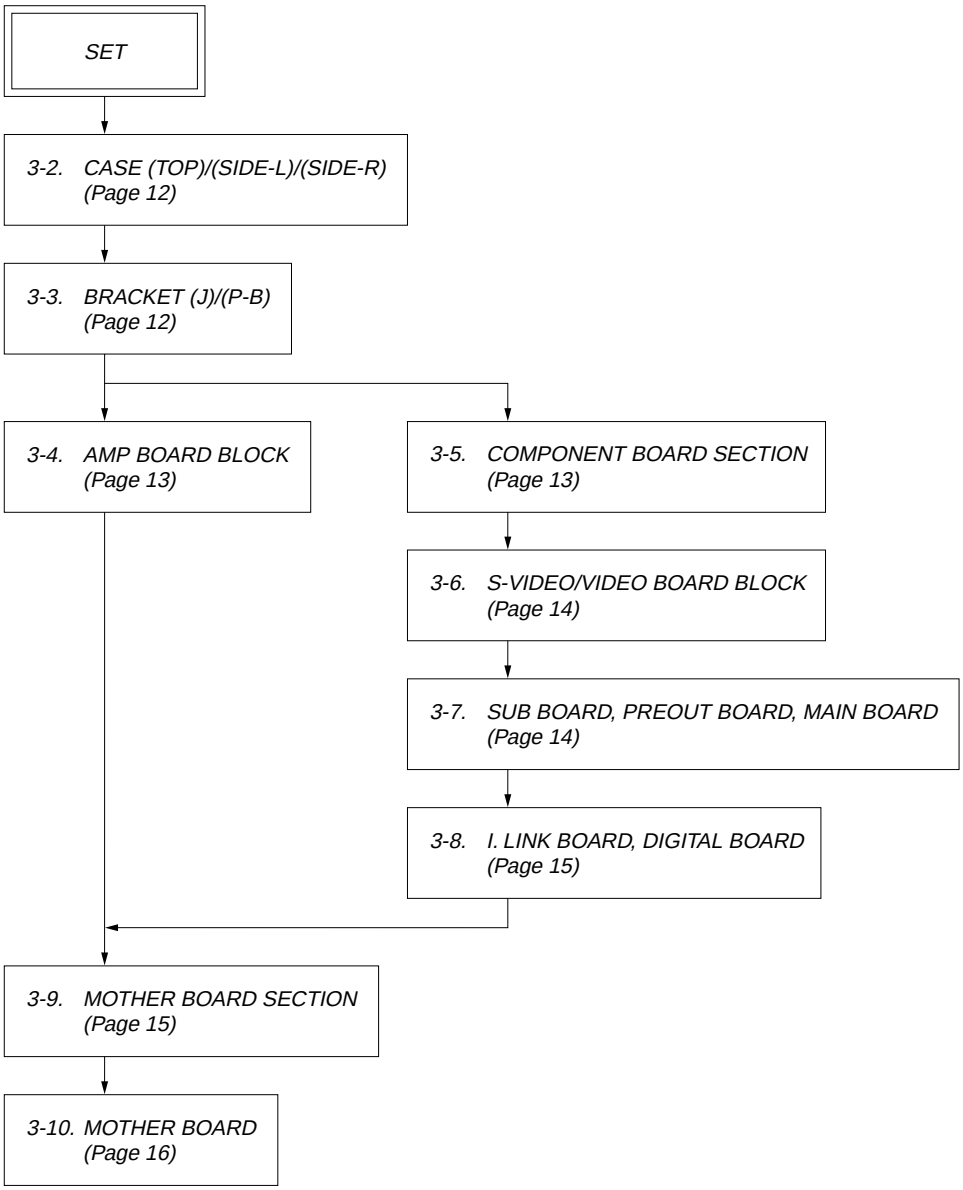
**◀◀/▶▶ 7**

Press to fast-forward or rewind, or search tracks in the forward or backward direction.

# SECTION 3
# DISASSEMBLY

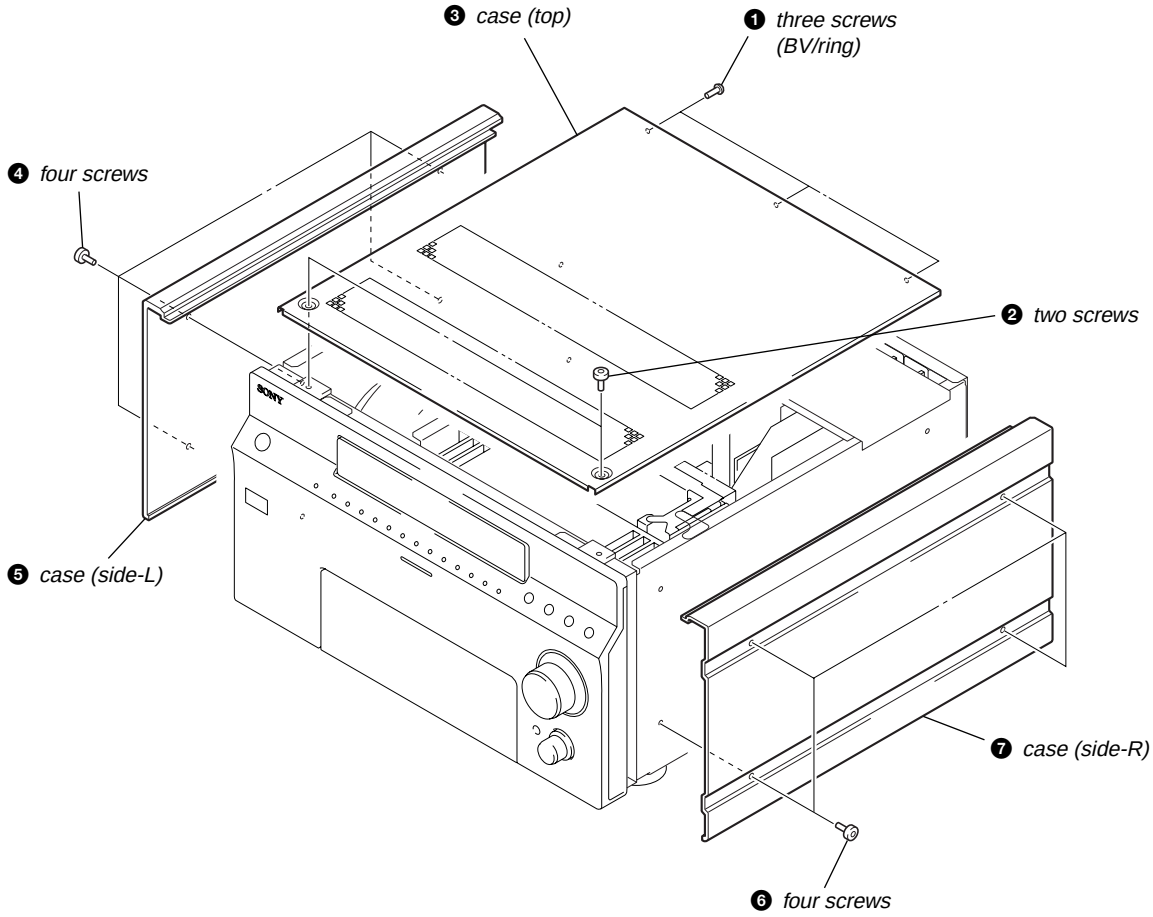
• This set can be disassembled in the order shown below.

## 3-1. DISASSEMBLY FLOW

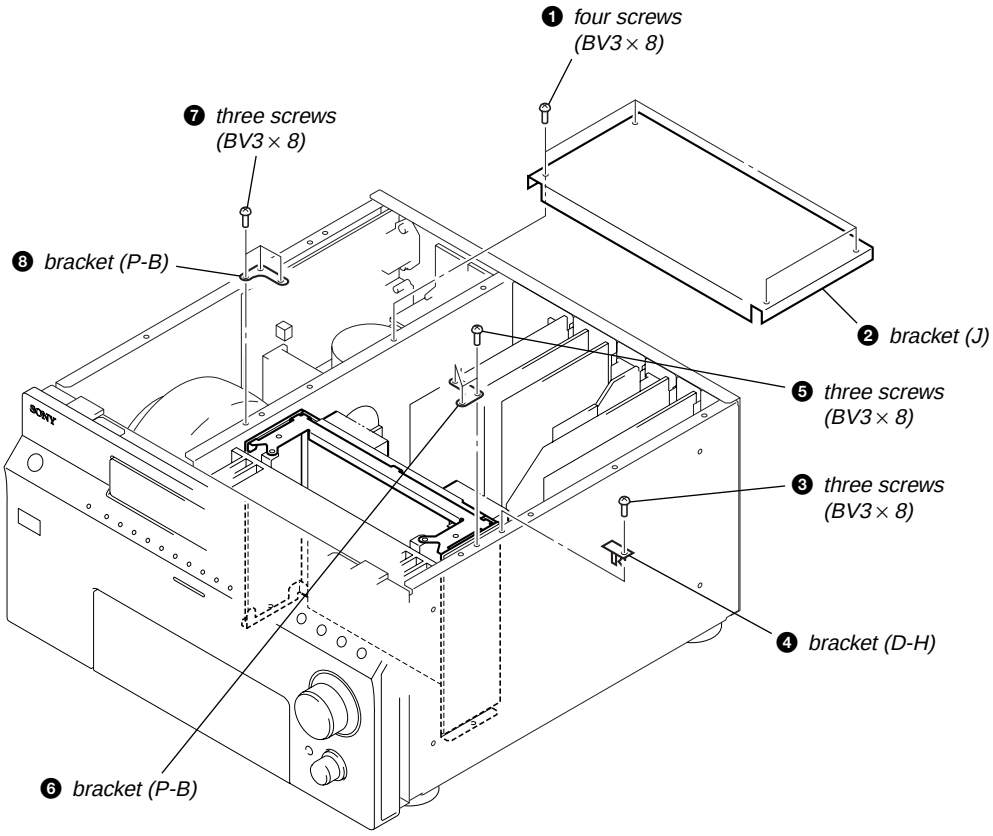

SET
3-2. CASE (TOP)/(SIDE-L)/(SIDE-R) (Page 12)
3-3. BRACKET (J)/(P-B) (Page 12)
3-4. AMP BOARD BLOCK (Page 13)
3-5. COMPONENT BOARD SECTION (Page 13)
3-6. S-VIDEO/VIDEO BOARD BLOCK (Page 14)
3-7. SUB BOARD, PREOUT BOARD, MAIN BOARD (Page 14)
3-8. I. LINK BOARD, DIGITAL BOARD (Page 15)
3-9. MOTHER BOARD SECTION (Page 15)
3-10. MOTHER BOARD (Page 16)

**Note:** Follow the disassembly procedure in the numerical order given.

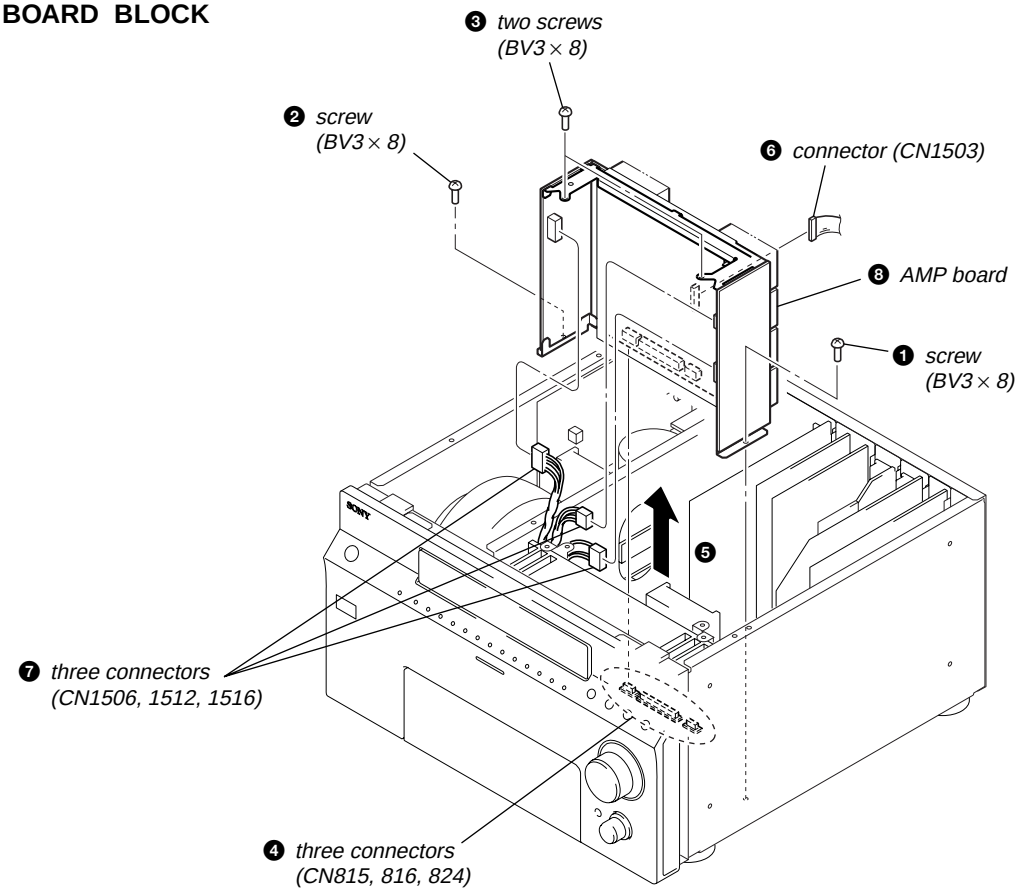
### 3-2. CASE (TOP)/(SIDE-L)/(SIDE-R)



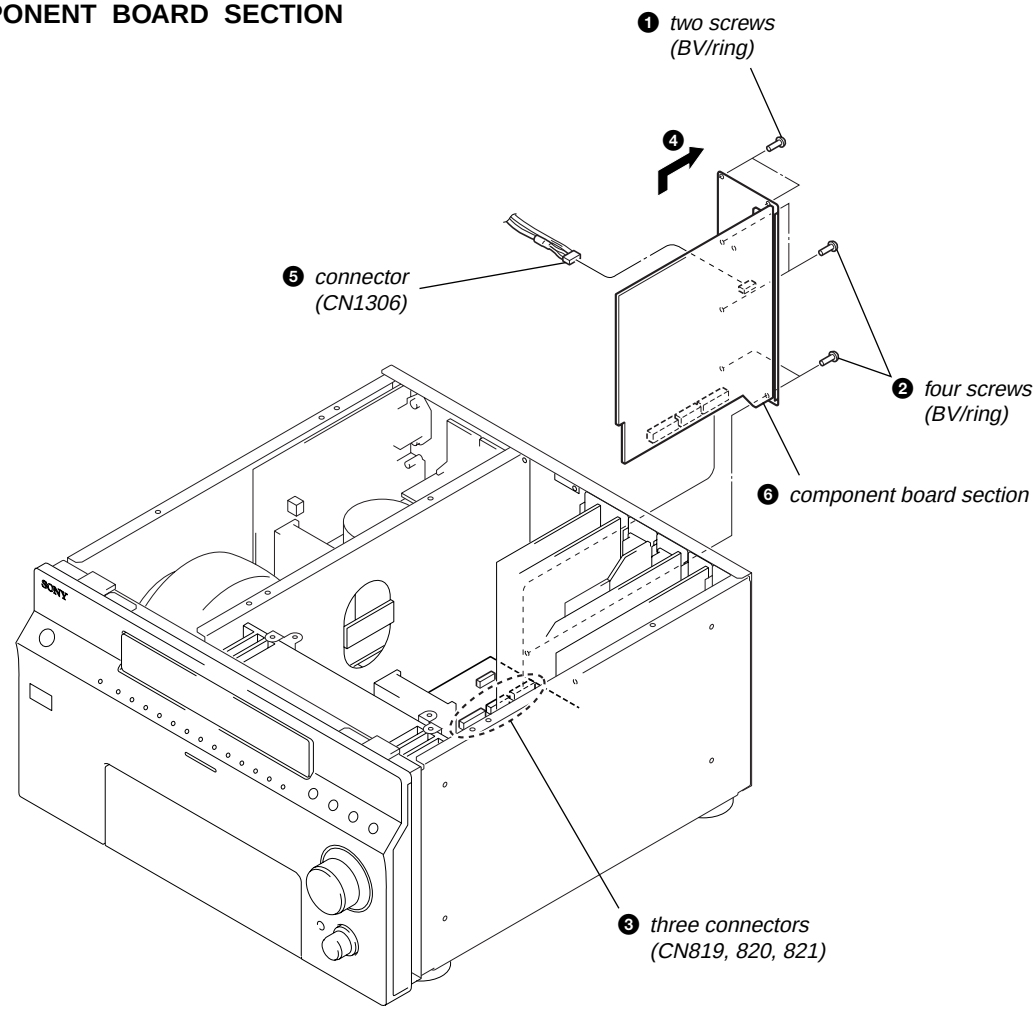

### 3-3. BRACKET (J)/(P-B)


❶ four screws (BV3 × 8)
❼ three screws (BV3 × 8)
❽ bracket (P-B)
❷ bracket (J)
❺ three screws (BV3 × 8)
❸ three screws (BV3 × 8)
❹ bracket (D-H)
❻ bracket (P-B)

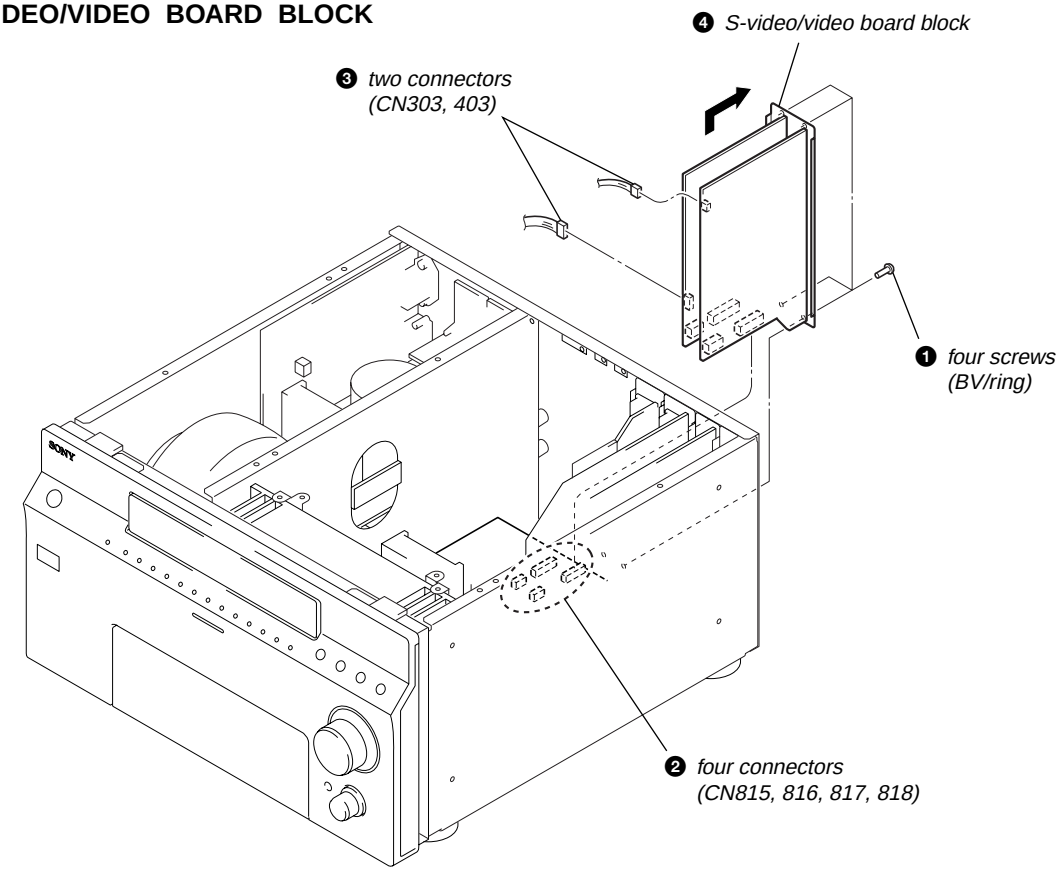
### 3-4. AMP BOARD BLOCK



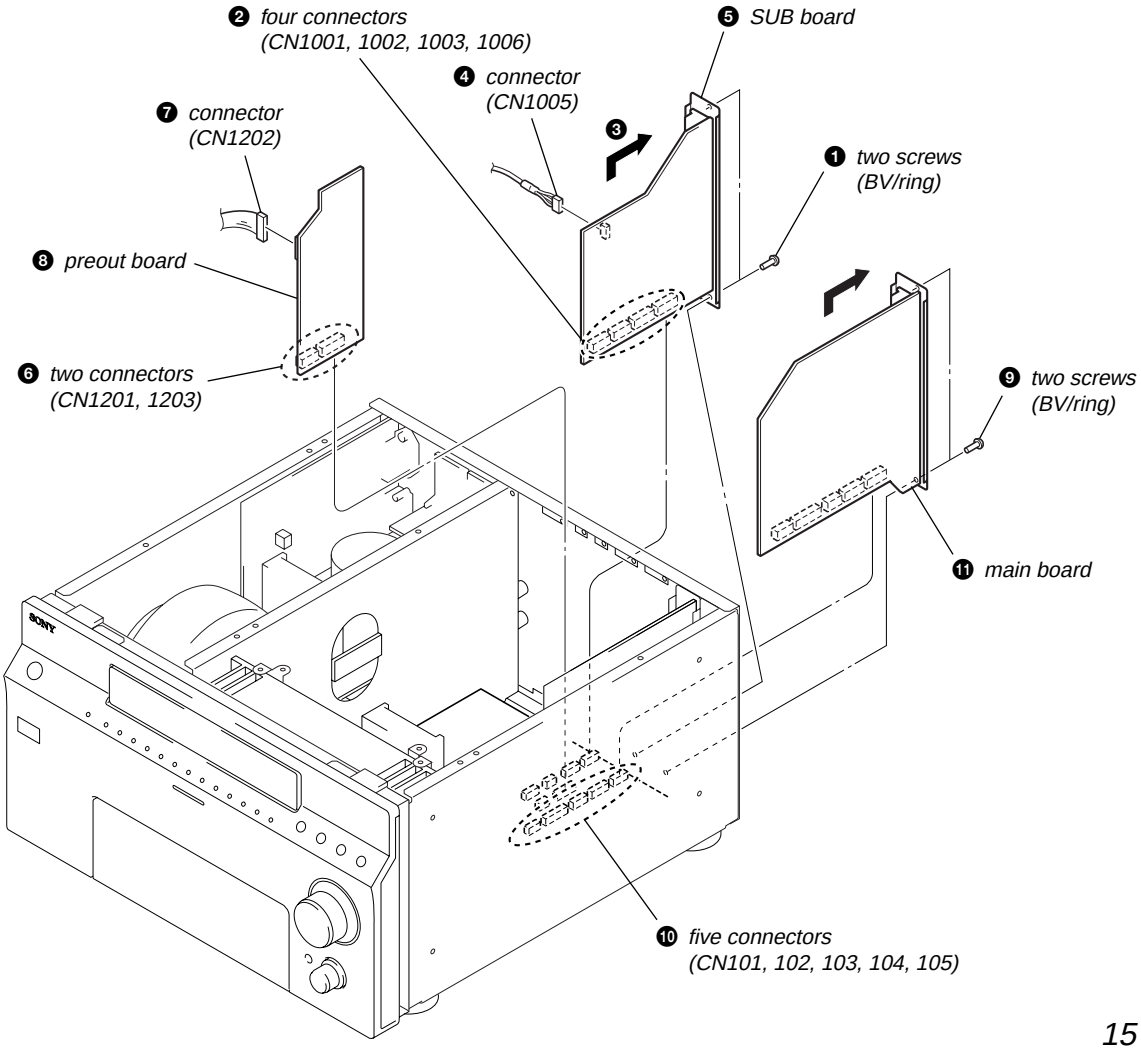

### 3-5. COMPONENT BOARD SECTION



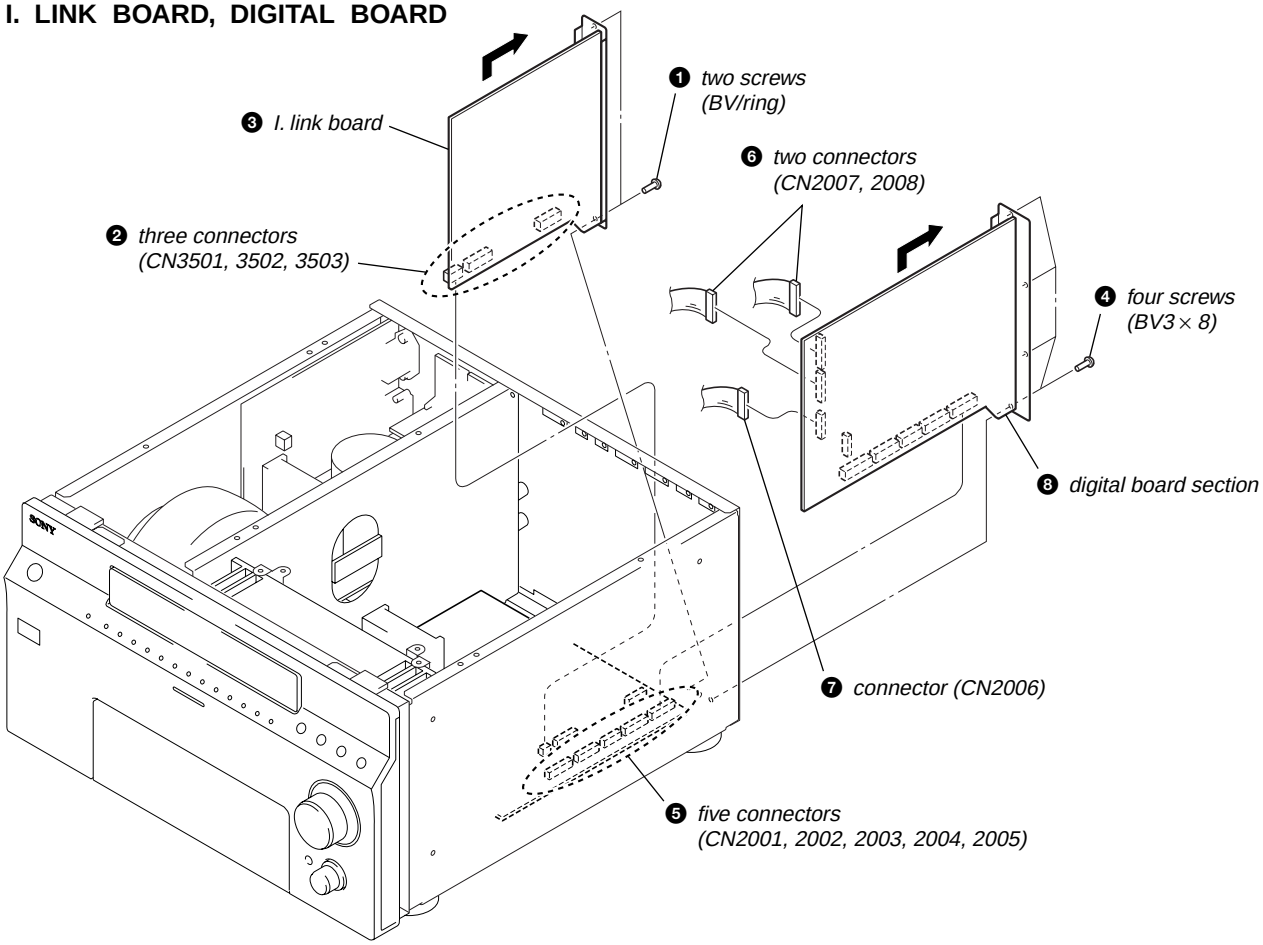
### 3-6. S-VIDEO/VIDEO BOARD BLOCK



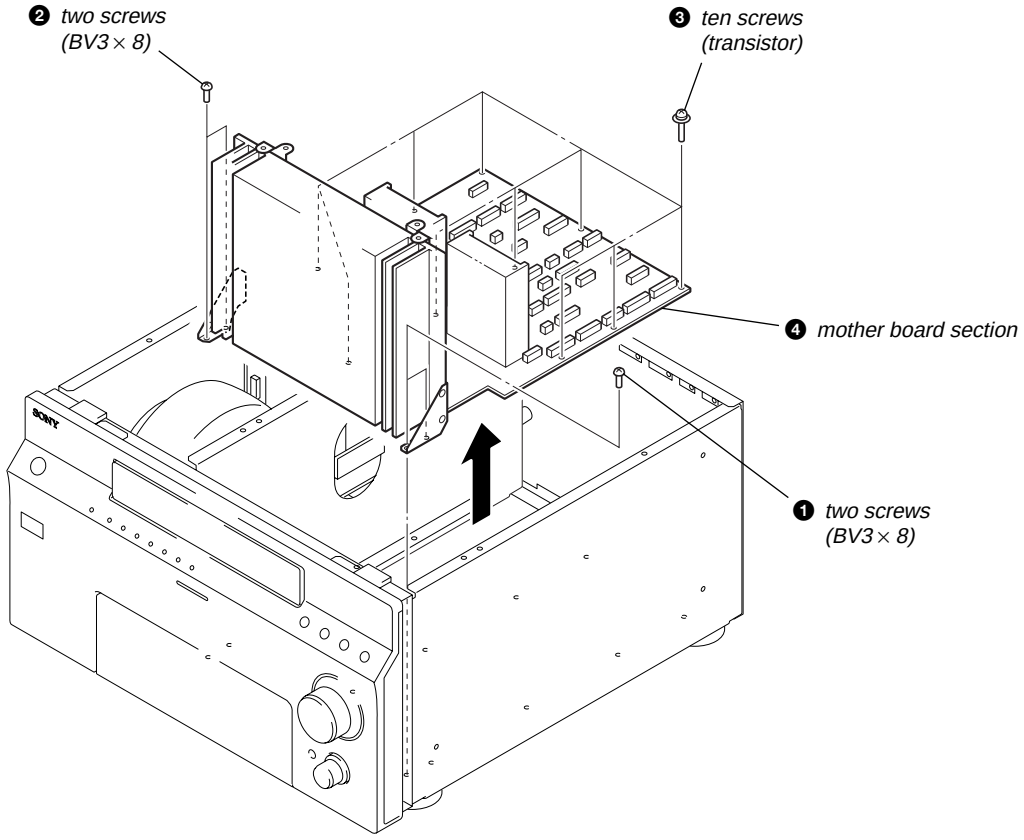

### 3-7. SUB BOARD, PREOUT BOARD, MAIN BOARD



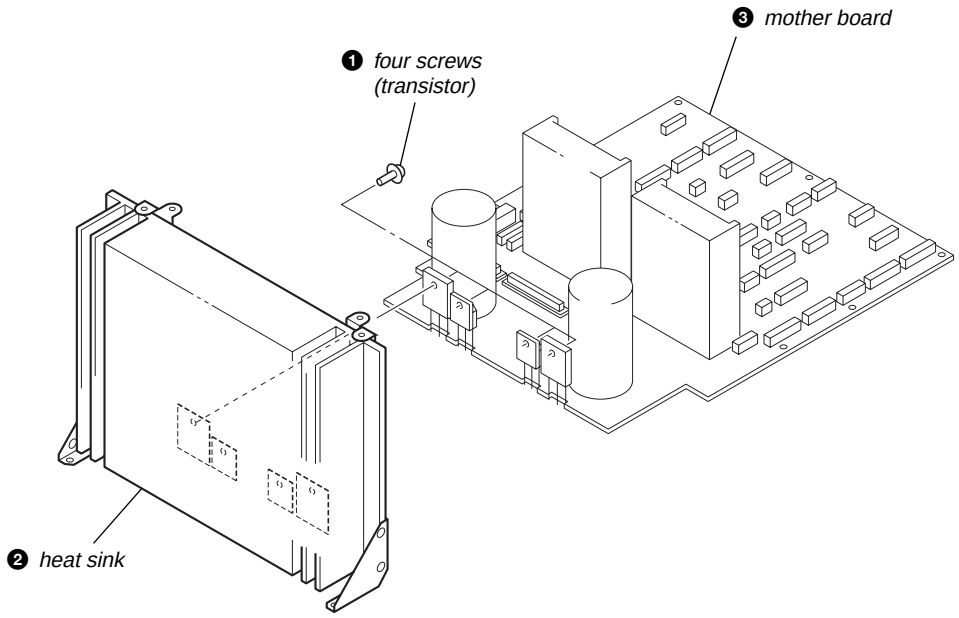
### 3-8. I. LINK BOARD, DIGITAL BOARD




### 3-9. MOTHER BOARD SECTION



### 3-10. MOTHER BOARD



# SECTION 4
# TEST MODE

## TUNER FACTORY PRESET MODE

All preset contents are reset to the default setting.

**Procedure:**

1. While pressing the [SURR BACK DECODING] and [SLEEP] buttons, press the [I/⏻] button to turn on the main power.
2. The message “FACTORY PRESET” appears and the present contents are reset to the default values.

## MEMORY CLEARING MODE

All preset contents are cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

**Procedure:**

1. While pressing the [INPUT MODE] and [ENTER] buttons, press the [I/⏻] button to turn on the main power.
2. The message “MEMORY CLEARING...” appears and the memories are reset to the default values.
3. When done, the message “MEMORY CLEARED !” appears.

## SWAP MODE

**Procedure:**

1. While pressing the [2CH] and [ENTER] buttons, press the [I/⏻] button to turn on the main power.
2. The message “SWAP MODE !” appears.
3. Press the [DISPLAY] button.
4. The message “–35.5dB” appears. (Volume level is “MID”)
5. Press the [DISPLAY] button once again.
6. The message “+22.0dB” appears. (Volume level is “MAX”)
7. Press the [DISPLAY] button once again.
8. The message “–oodB” appears. (Volume level is “MIN”)

## FLUORESCENT INDICATOR TUBE PATTERN CHECK MODE

All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.

**Procedure:**

1. While pressing the [DISPLAY] and [ENTER] buttons, press the [I/⏻] button to turn on the main power.
2. All segments and all LEDs turn on.

## SOUND FIELD INITIALIZE MODE

The preset sound field is cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

**Procedure:**

1. While pressing the [MUSIC] button, press the [I/⏻] button to turn on the main power.
2. The message “S. F. Initialize” appears and initialization is performed.

## COMMAND MODE CHANGE MODE

The command mode of the remote-commander which this set receives can be changed.

**Procedure:**

1. While pressing the [INPUT MODE] button, press the [I/⏻] button to turn on the main power.
2. Either the message “COMMAND MODE [AV1]” or “COMMAND MODE [AV2]” appears. Select the desired mode.

## SF LOCK ON/OFF CHANGE MODE

**Procedure:**

1. While pressing the [MUSIC] and [ENTER] buttons, press the [I/⏻] button to turn on the main power.
2. Either the message “SF LOCK [OFF]” or “SF LOCK [ON]” appears.

## OPERATION CHECK OF i. LINK TERMINAL

Connect the set to a unit equipped with the i. LINK terminal to check if the communication can be made correctly. By this operation check, a loose connection of the connector or a disconnection of the i. LINK cable can be confirmed.

**Procedure:**

1. Press the [I/⏻] button to turn on the power, and rotate the [INPUT SELECTOR] knob to set the function to the “i. LINK” so that the “No LINC” is displayed.
2. Turn on the power of the unit equipped with the i. LINK terminal.
3. Connect the set to the unit equipped with the i. LINK terminal using the i. LINK cable.
   At this time, check that “i. LINK CONNECTING” is displayed on the set.
4. After the display of “i. LINK CONNECTING”, check that the equipment information is displayed.
5. Moving the i. LINK cable with the i. LINK connection maintained, check that the “i. LINK CONNECTING” is not displayed.

If nothing is displayed in step 3 and 4, or if “i. LINK CONNECTING” is displayed continuously, the i. LINK cable will be disconnected or the connector connection will be loose.
If “i. LINK CONNECTING” is displayed in step 5 though the cable is not removed, the i. LINK cable will be disconnected or the connector connection will be loose.

## SPECIAL MENU MODE

**Procedure:**

1. Press the [I/⏻] button to turn on the main power, then while pressing the [ENTER] button, press the [MUSIC], [DIRECT], [MOVIE] button in order.
2. The message “MENU SPECIALIZED !” appears.
3. Each time the [MENU] dial is turned clockwise, the item is switched in order as follows.
4. To release from this mode, while pressing the [ENTER] button, press the [MUSIC], [DIRECT], [MOVIE] button in order again.
5. The message “MENU SPECIALIZED OFF” appears.

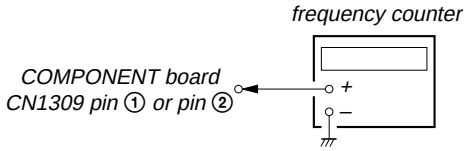
| Items | Display | Remark |
|---|---|---|
| Version display | SPECIAL<br><br>in the main microprocessor | ###: distination,∗.∗∗: main microprocessor software version<br>A9ES ### v∗.∗∗ XXXX XXXX: Sum value of flash memory |
| Distinatin change | SPECIAL | ∗∗∗∗: destination, XX: at or fx (switching with [–/+] dial)<br>MODEL [AE9S ∗∗∗∗]XX |
| FL display fonts test | SPECIAL | Not used for the servicing<br>FL FONT 0x∗∗ = [X] |
| FL display test | ALL ON | Each time [DISPLAY] button to change as follows.<br>all on ⟶ test pattern 1 ⟶ test pattern 2 ⟶ all off ⟶ all on |
| Audio swap | SPECIAL<br>SWAP [XXXXXXXXXXX] | Switching with [–/+] dial |
| DSP reset | SPECIAL<br>DSP RESET [XXX] | XXX: ON or OFF (switching with [–/+] dial) |
| DSP 1 IRAM | DSP 1 IRAM | Not used for the servicing<br>I [∗∗∗∗∗]= XXXX |
| DSP 1 ARAM | DSP 1 ARAM | Not used for the servicing<br>D [∗∗∗∗∗]= XXXXXXXX |
| DSP 2 IRAM | DSP 2 IRAM | Not used for the servicing<br>I [∗∗∗∗∗]= XXXX |
| DSP 2 ARAM | DSP 2 ARAM | Not used for the servicing<br>D [∗∗∗∗∗]= XXXXXXXX |
| DSP 2 ARAM | DSP 2 ARAM | Not used for the servicing<br>D [∗∗∗∗∗]= XXXXXXXX |
| 1st bass gain | SPECIAL | Not used for the servicing<br>1st BASS GAIN X.XdB |
| 1st bass frequency | SPECIAL | Not used for the servicing<br>1st BASS FREQ XXXHz |
| 2nd bass gain | SPECIAL | Not used for the servicing<br>2nd BASS GAIN X.XdB |
| 2nd bass frequency | SPECIAL | Not used for the servicing<br>2nd BASS FREQ XXHz |
| Bass select | SPECIAL | Not used for the servicing<br>BASS SELECT [1st or 2nd] |
| Bass management | SPECIAL<br>BASS MAN. [∗∗∗∗] XX | Not used for the servicing |
| DSP boot error | SPECIAL | Not used for the servicing<br>DSP BOOT ERROR:XXX |
| DSP write 1 error | SPECIAL | Not used for the servicing<br>DSP WRT1 ERROR:XXX |
| DSP write 2 error | SPECIAL | Not used for the servicing<br>DSP WRT2 ERROR:XXX |
| DSP write 3 error | SPECIAL | Not used for the servicing<br>DSP WRT3 ERROR:XXX |
| DSP read 1 error | SPECIAL | Not used for the servicing<br>DSP RAD1 ERROR:XXX |
| DSP read 2 error | SPECIAL | Not used for the servicing<br>DSP RAD2 ERROR:XXX |
| DSP read 3 error | SPECIAL | Not used for the servicing<br>DSP RAD3 ERROR:XXX |
| DSP HALT | SPECIAL | XXX: ON or OFF (switching with [–/+] dial) |

| Items | Display | Remark |
|---|---|---|
| DSP HALT | SPECIAL<br>DSP HALT [XXX] | XXX: ON or OFF (switching with [–/+] dial) |
| DSP Version display | SPECIAL | XXX: DSP version<br>DSP Ver 1:vXXX,2:vXXX |
| Volume value display<br>(FL/FR) | SPECIAL<br>FL ∗∗∗∗ FR XXXX | ∗∗∗∗: Front L-ch volume value,<br>XXXX: Front R-ch volume value |
| Volume value display<br>(SL/SR) | SPECIAL<br>SL ∗∗∗∗ SR XXXX | ∗∗∗∗: Surround L-ch volume value,<br>XXXX: Surround R-ch volume value |
| Volume value display | SPECIAL<br>(CT/SW) | ∗∗∗∗: Center volume value,<br>CT ∗∗∗∗ SW XXXX XXXX: Volume value display |
| Volume value display<br>(SBL/SBR) | SPECIAL<br>SBL ∗∗∗∗ SBR XXXX | ∗∗∗∗: Surround back L-ch volume value,<br>XXXX: Surround back R-ch volume value |
| EEPROM debug | SPECIAL<br>EEPROM [∗∗∗∗] XX | Not used for the servicing |
| Super reset | SPECIAL<br>SUPER RESET [XXX] | Not used for the servicing<br>If super reset is performed, “up convert signal level adjustment” will also be initialized<br>When EEPROM initialization is required, perform the “memory clearing mode” (see page 18) |
| 2nd volume value display | SPECIAL<br>2nd VOLUME –XX | XX: 2nd zone volume value (oo to ∞)<br>(switching with [–/+] dial) |
| 3rd volume value display | SPECIAL<br>3RD VOLUME –XX | XX: 3rd zone volume value (oo to ∞)<br>(switching with [–/+] dial) |
| FL display duty change | SPECIAL<br>DARK OUT DUTY [XXX%] | XXX: Duty value of FL display (0% to 100%)<br>(switching with [–/+] dial) |
| SDRAM check | SPECIAL<br>SDRAM CHECK [XXXXX] | Check the operation of LIP SYNC<br>XXXXX: PASS (OK) or ERROR (NG) |
| Error count display | SPECIAL<br>SCOM ERROR COUNT XXX | Not used for the servicing |
| Version display | SPECIAL<br>Sub Micom Ver. X.XX | XXX: sub microprocessor software version |
| 958 hats off | SPECIAL<br>958 HATS OFF [SPDIF or PCM] | Not used for the servicing |
| I.link test mode | SPECIAL<br>i.LINK TEST MODE IN? | Not used for the servicing |
| YUV Y DRIVE | SPECIAL<br>YUV Y DRIVE [XX] | Not used for the servicing |
| YUV U DRIVE | SPECIAL<br>YUV U DRIVE [XX] | Not used for the servicing |
| YUV V DRIVE | SPECIAL<br>YUV V DRIVE [XX] | Not used for the servicing |
| Analog direct | SPECIAL<br>ANALOG DIRECT [2Fs or 4FS] | Not used for the servicing |

# SECTION 5
# ELECTRICAL ADJUSTMENTS

## OSD ADJUSTMENT

**Connection**

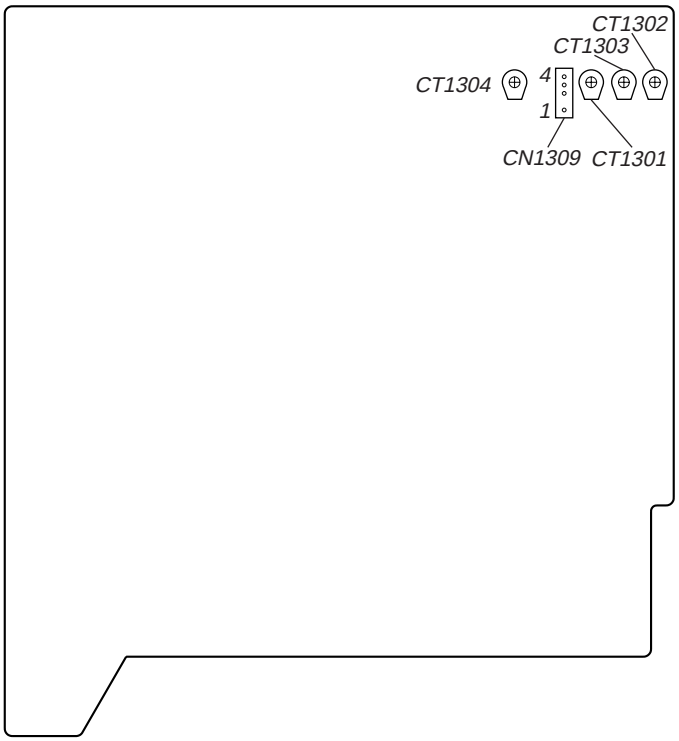



1. Connect a frequency counter to the CN1309 pin ① on the COMPONENT board.
2. Press the [I/⏻] button to turn on the main power.
3. Perform the MEMORY CREARING MODE. (See page 17)
4. Press the [ON SCREEN] button on the remote commander (RM-LJ312) to display "ON SCREEN [ON]".
5. Turn the [MAIN MENU] dial to display "<< CUSTOMIZE >>".
6. Turn the [MENU] dial to display "COLOR SYSTEM".
7. Turn the [–/+] dial to select PAL.
8. Adjust the CT1304 so that the frequency counter reading is 7.20 MHz.
9. Connect a frequency counter to the CN1309 pin ② on the COMPONENT board.
10. Adjust the CT1302 so that the frequency counter reading is 4.433618 MHz ± 50 Hz.
11. Turn the [–/+] dial to select NTSC.
12. Adjust the CT1303 (AEP and UK models) or CT1301 (Taiwan and Korean models) so that the frequency counter reading is 3.579545 MHz ± 50 Hz.

**Note:** The steps 5 to 7, 10 and 11 should be performed to AEP and UK models.

**Adjustment and Connection Location:**

**– COMPONENT BOARD (Component Side) –**



## UP CONVERT SIGNAL LEVEL ADJUSTMENT

### Enter the test mode

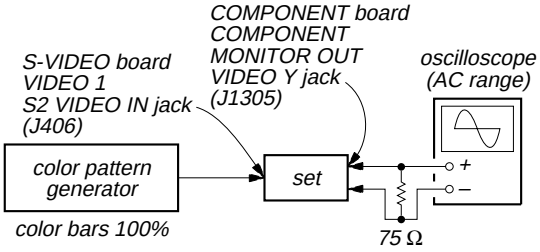
1. While pressing the [INPUT MODE] and [DISPLAY] buttons, press the [I/⏻] button to turn on the main power.
2. It enters the test mode, and display as below figure.

*Display*

| HUE | CONTRAST | COLOR |
|---|---|---|
| [7] | [7] | [7] |

### 1. Y LEVEL ADJUSTMENT

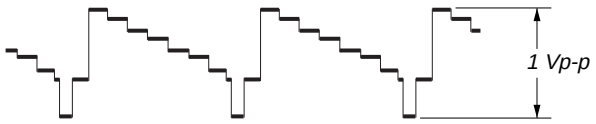
**Setting:**




**Procedure:**

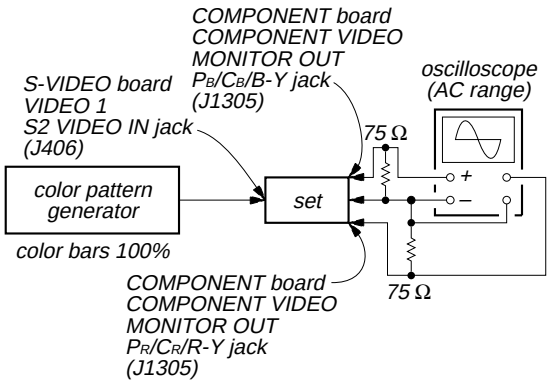
1. Connect a color pattern generator to the VIDEO 1 S2 VIDEO IN jack (J406) on the S-VIDEO board, and connect an oscilloscope to the COMPONENT VIDEO MONITOR OUT Y jack (J1305) on the COMPONENT board. (75Ω terminated)
2. Enter the test mode.
3. Input color bars signal from the color pattern generator.
4. Adjust the [MENU] dial so that the Vp-p value of waveform becomes 1 Vp-p.

*Y waveform:*




### 2. COLOR LEVEL ADJUSTMENT

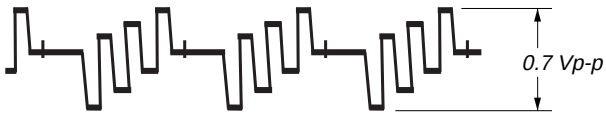
**Setting:**




**Procedure:**

1. Connect a color pattern generator to the VIDEO 1 S2 VIDEO IN jack (J406) on the S-VIDEO board, and connect an oscilloscope to the COMPONENT VIDEO $P_B/C_B$/B-Y jack and COMPONENT VIDEO $P_R/C_R$/R-Y jack (J1305) on the COMPONENT board. (75Ω terminated)
2. Enter the test mode.
3. Input color bars signal from the color pattern generator.
4. Display two waveforms of $C_B$ and $C_R$ simultaneously.
5. Adjust the [–/+] dial so that the Vp-p value of waveforms of $C_B$ and $C_R$ both may be most set to 0.7V closely.

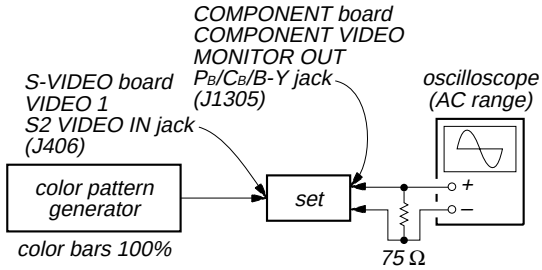
*$C_B$ waveform:*




*$C_R$ waveform:*

### 3. HUE LEVEL ADJUSTMENT

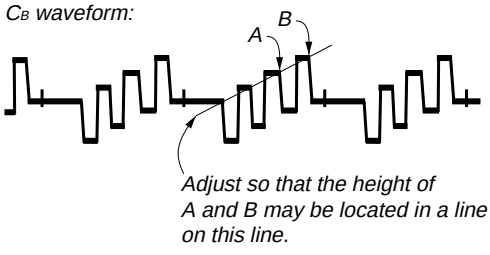
**Setting:**




**Procedure:**

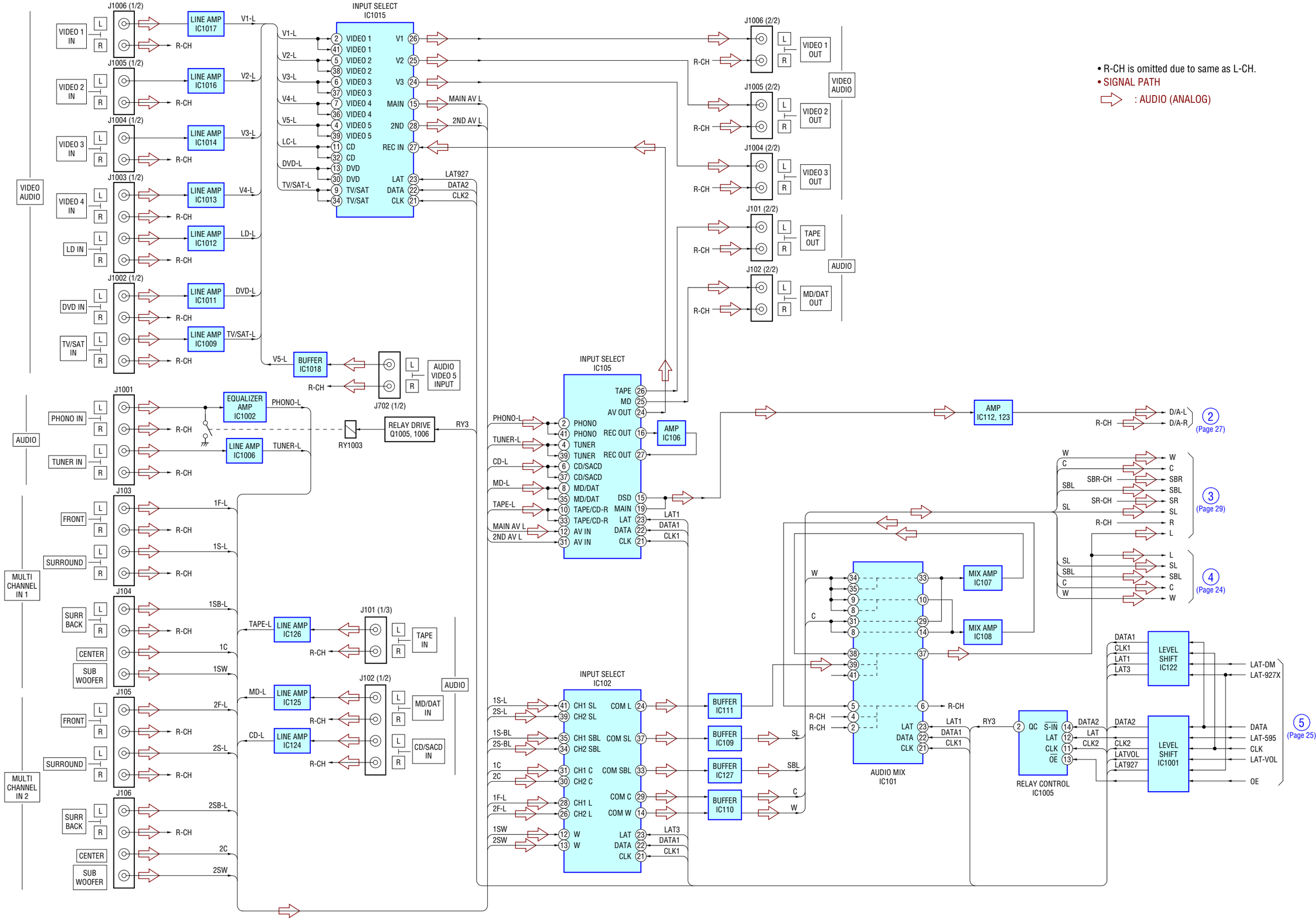
1. Connect a color pattern generator to the VIDEO 1 S2 VIDEO IN jack (J406) on the S-VIDEO board, and connect an oscilloscope to the COMPONENT VIDEO $P_B/C_B$/B-Y jack on the COMPONENT board. (75Ω terminated)
2. Enter the test mode.
3. Input color bars signal from the color pattern generator.
4. Adjust the [MAIN MENU] dial so that the waveform as bellow.

*$C_B$ waveform:*

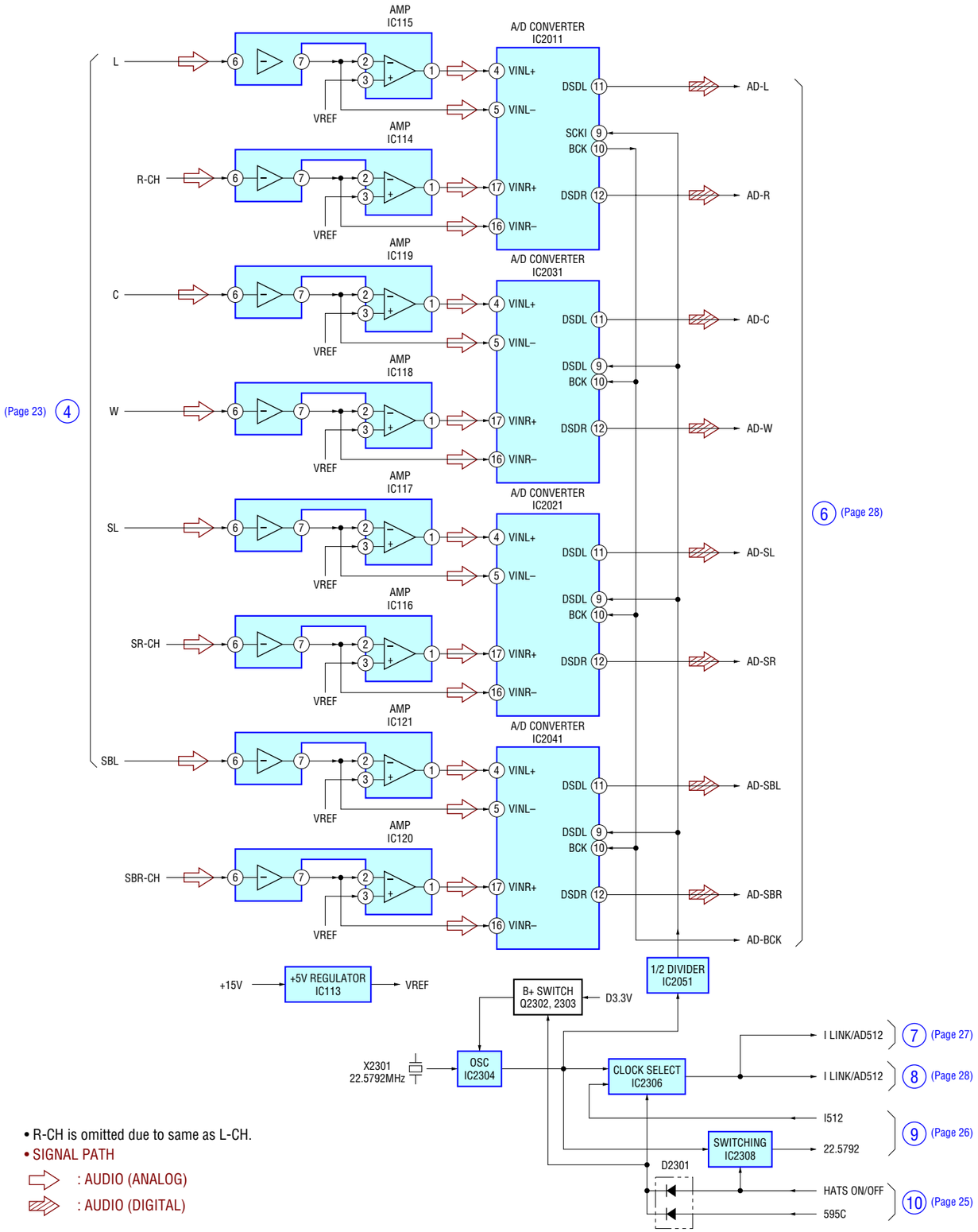


# SECTION 6
# DIAGRAMS

## 6-1. BLOCK DIAGRAM – AUDIO INPUT Section –

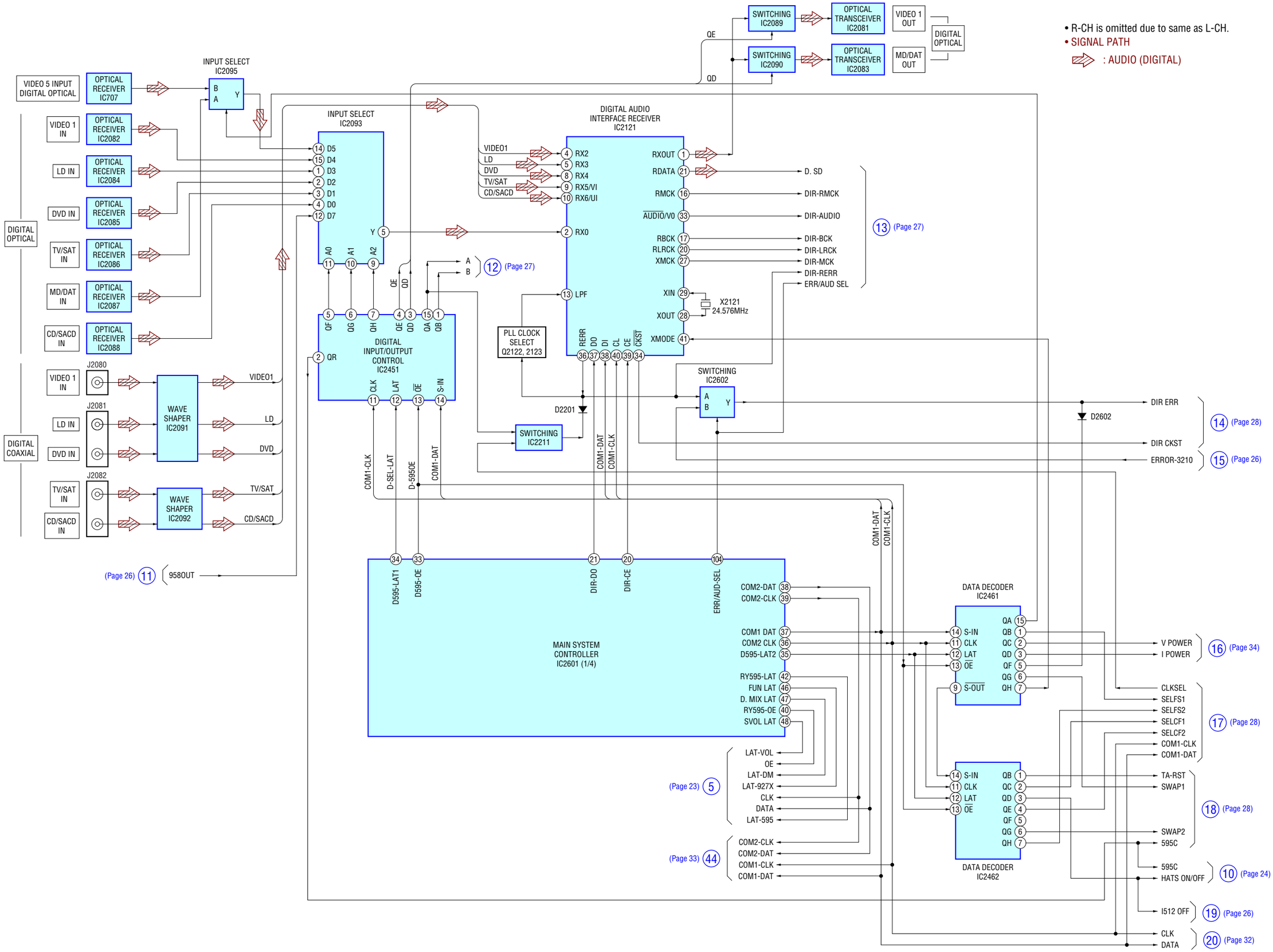


## 6-2. BLOCK DIAGRAM – A/D CONVERTER Section –

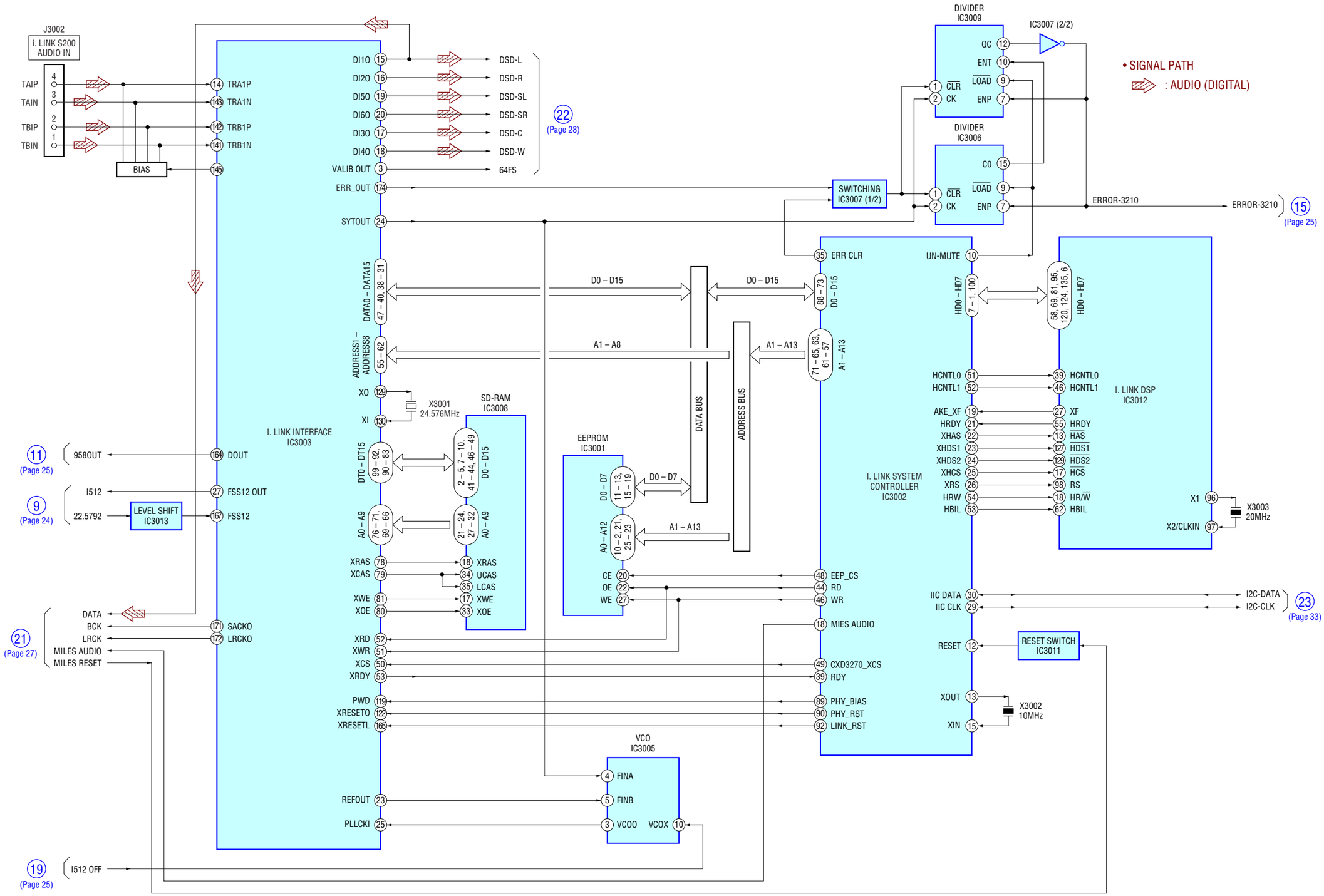



• R-CH is omitted due to same as L-CH.
• SIGNAL PATH
: AUDIO (ANALOG)
: AUDIO (DIGITAL)

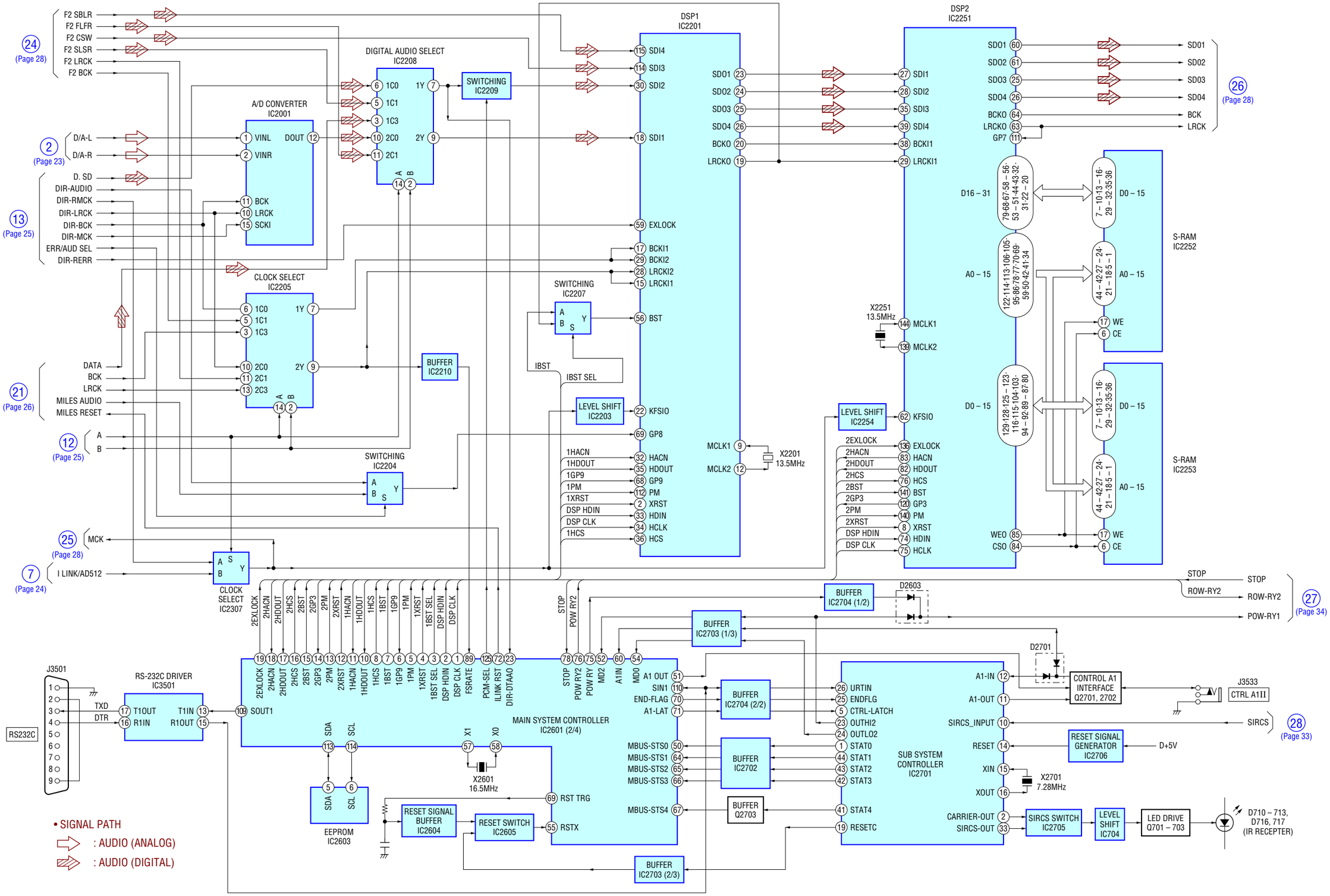
## 6-3. BLOCK DIAGRAM – DIGITAL INPUT Section –



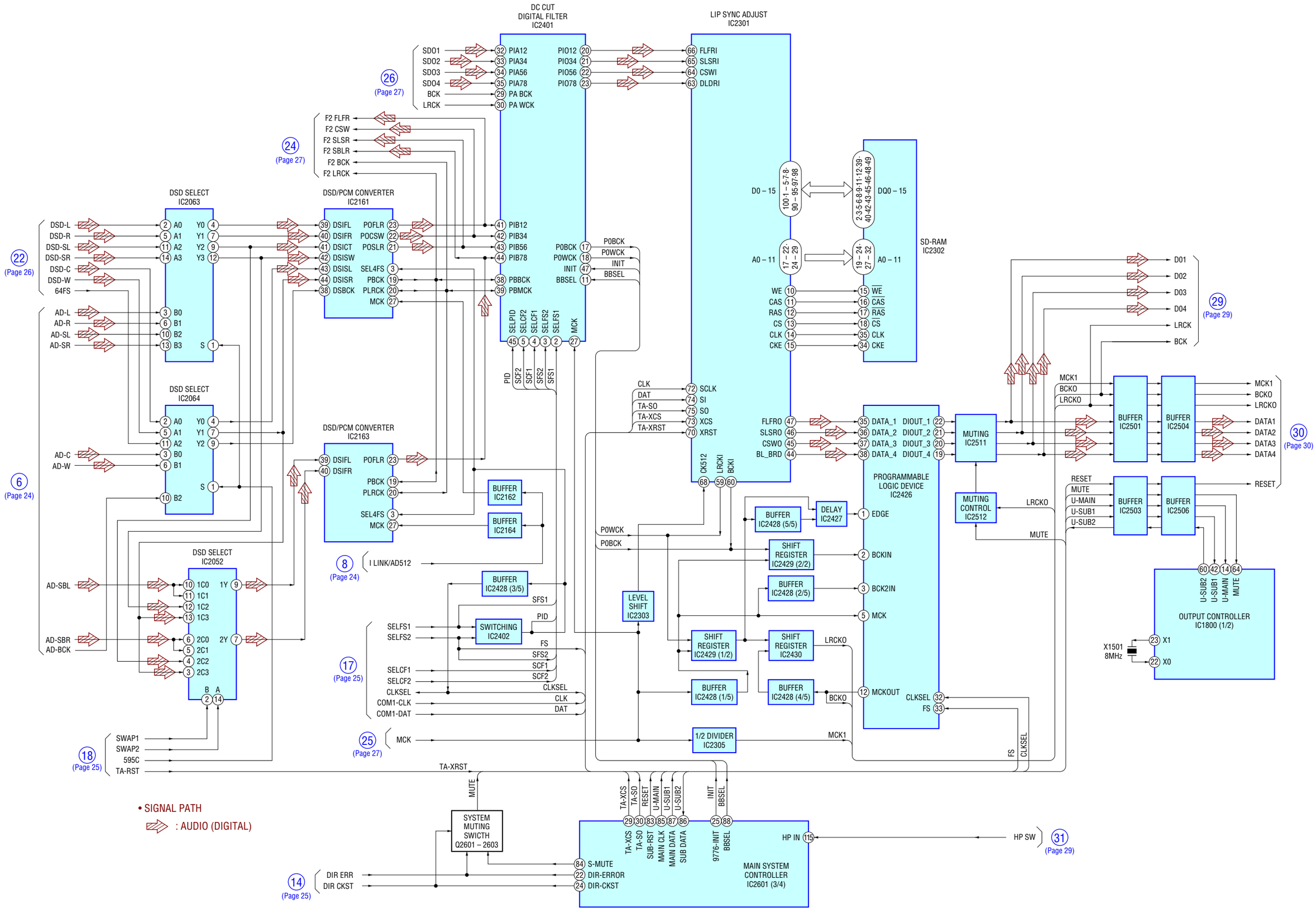
## 6-4. BLOCK DIAGRAM – I. LINK Section –



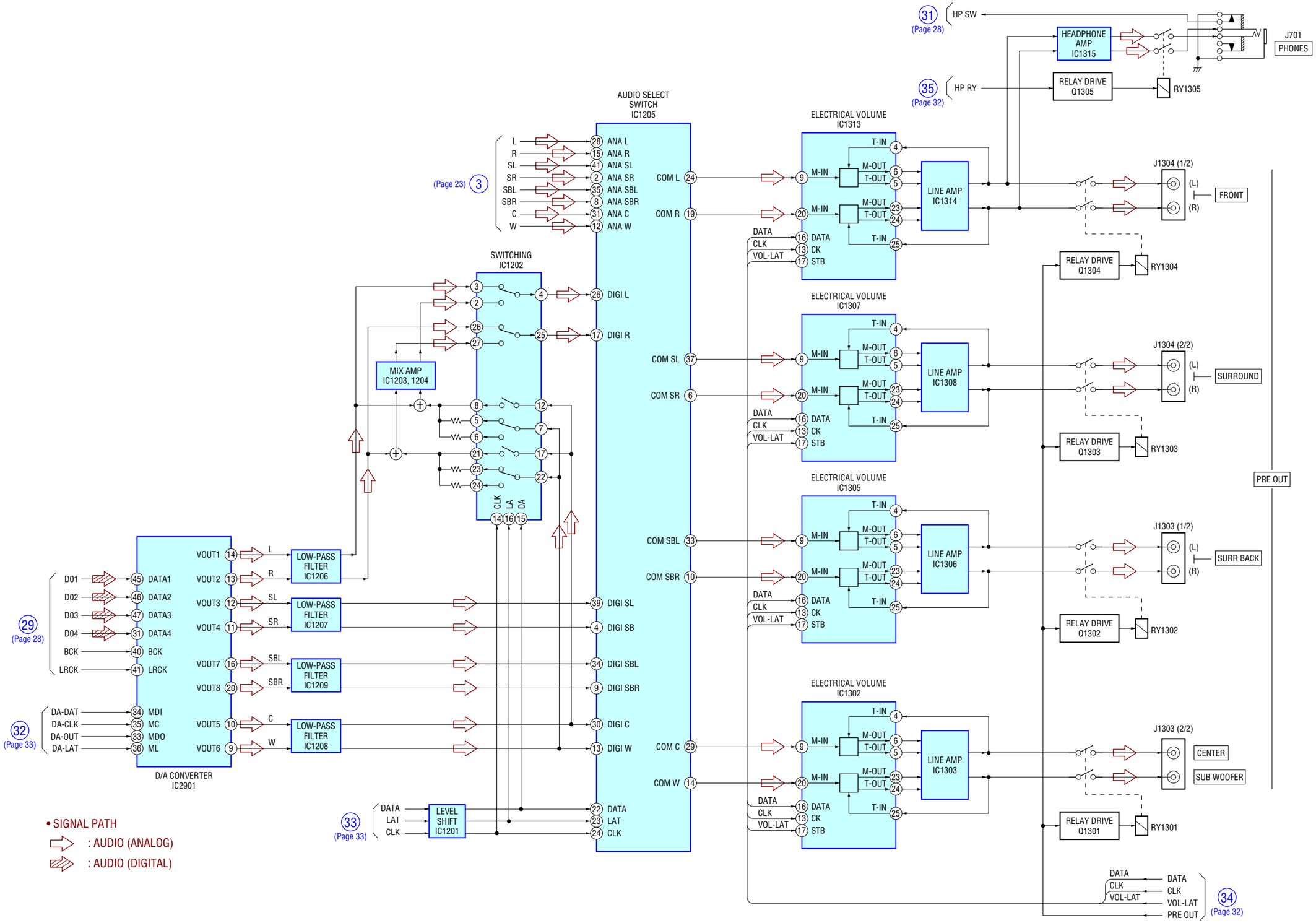
## 6-5. BLOCK DIAGRAM – DSP Section –



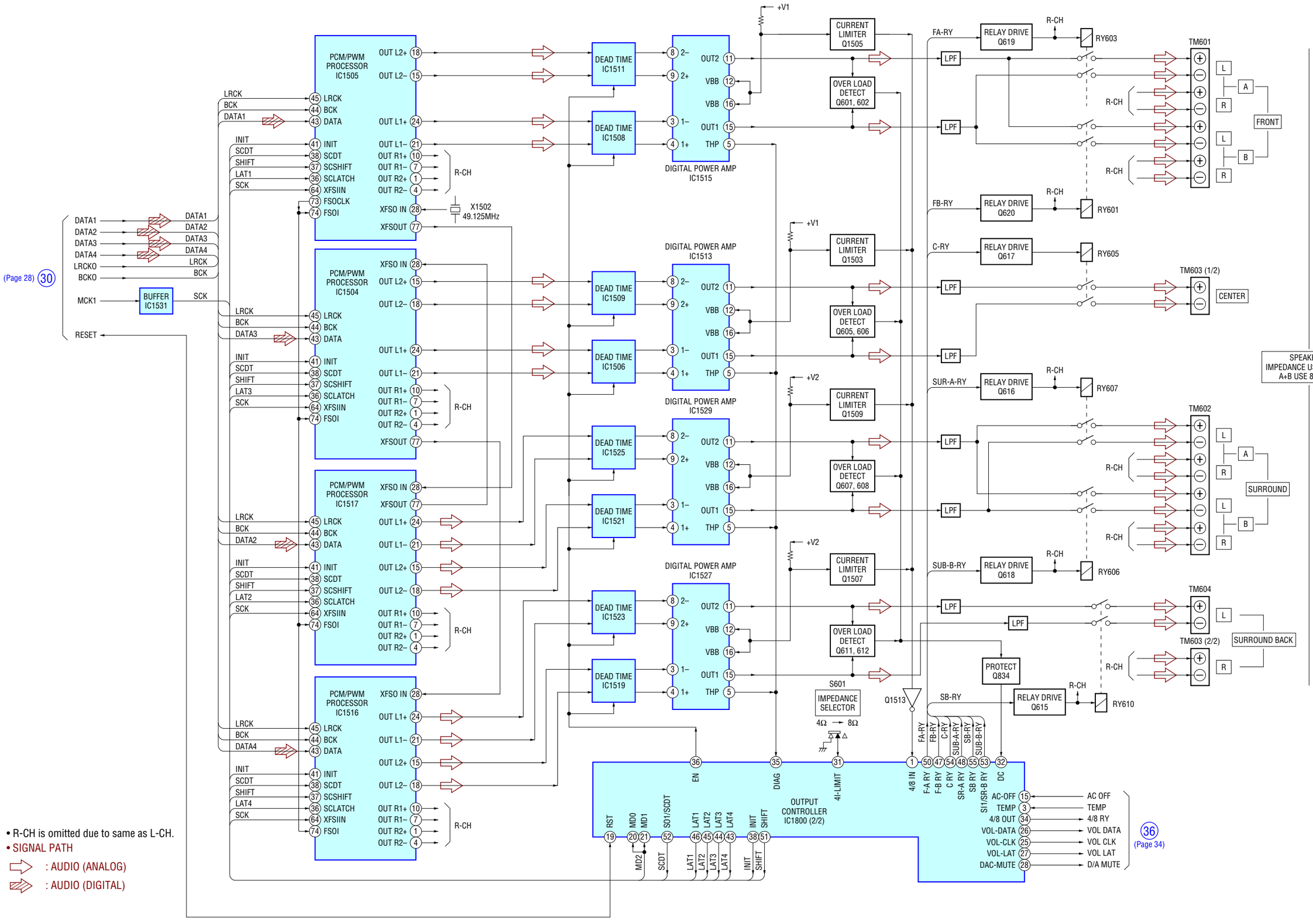
## 6-6. BLOCK DIAGRAM – DIGITAL AUDIO Section –



## 6-7. BLOCK DIAGRAM – AUDIO OUTPUT Section –

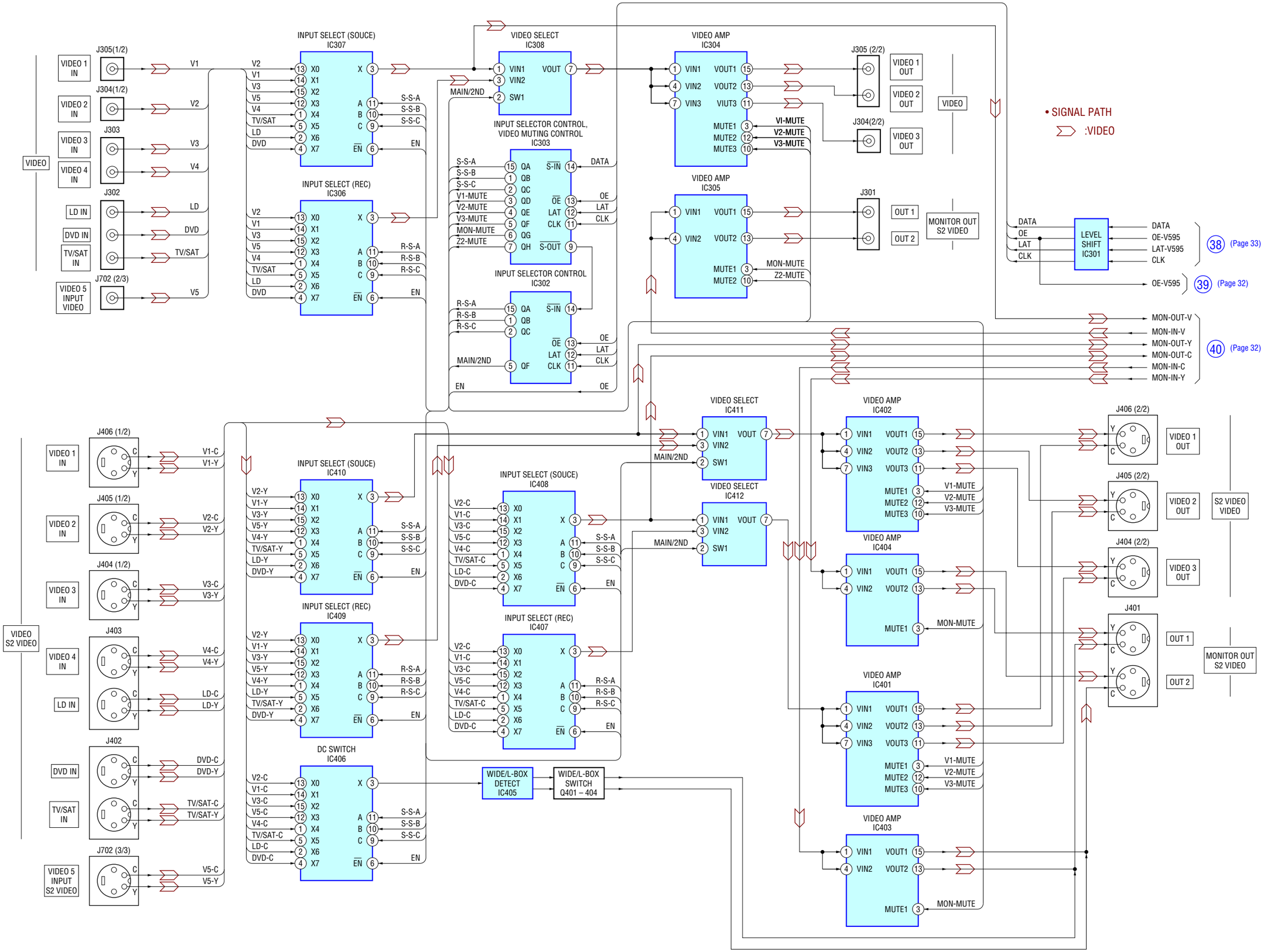


## 6-8. BLOCK DIAGRAM – POWER AMP Section –

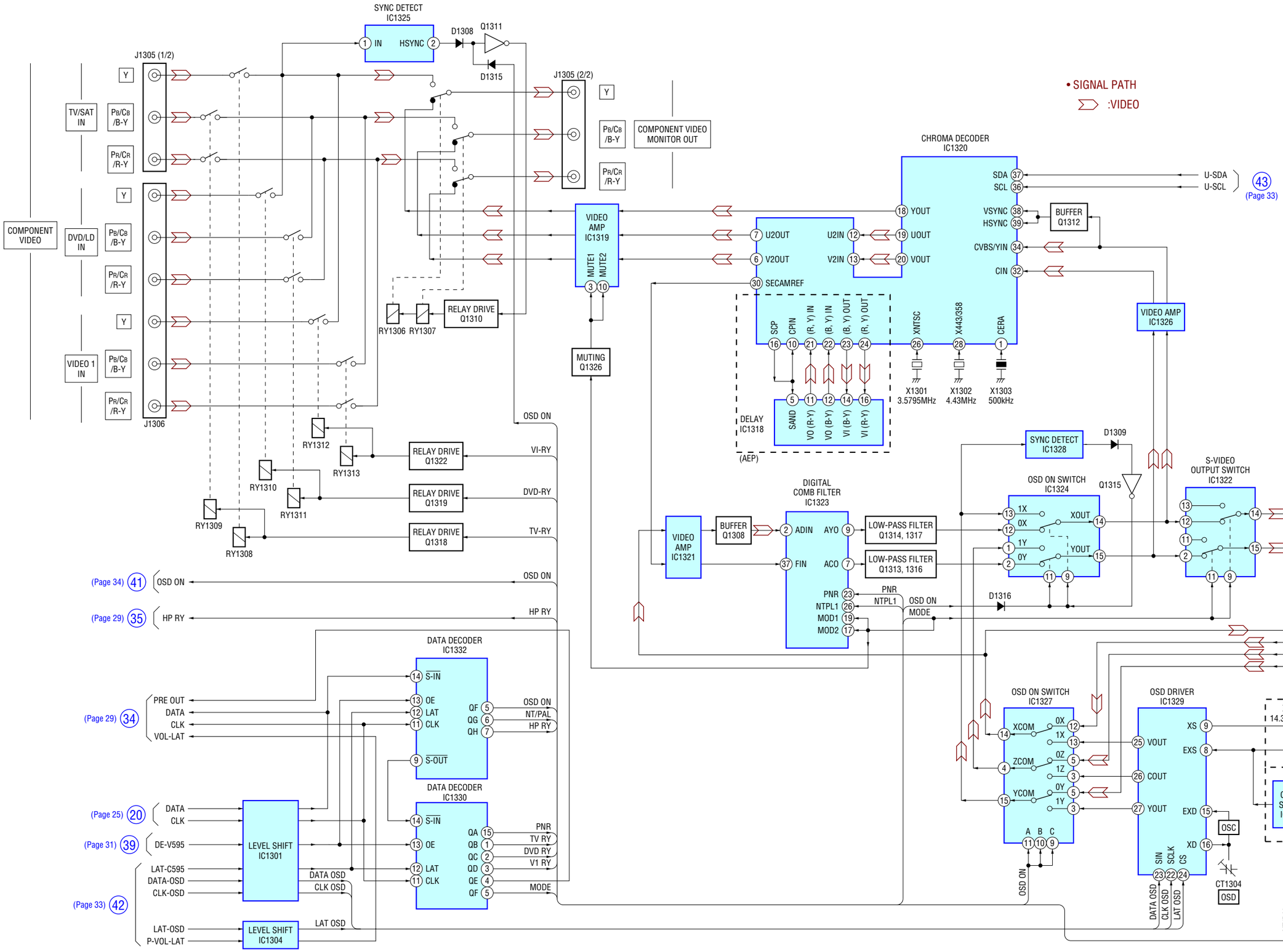



- R-CH is omitted due to same as L-CH.
- SIGNAL PATH
  - : AUDIO (ANALOG)
  - : AUDIO (DIGITAL)

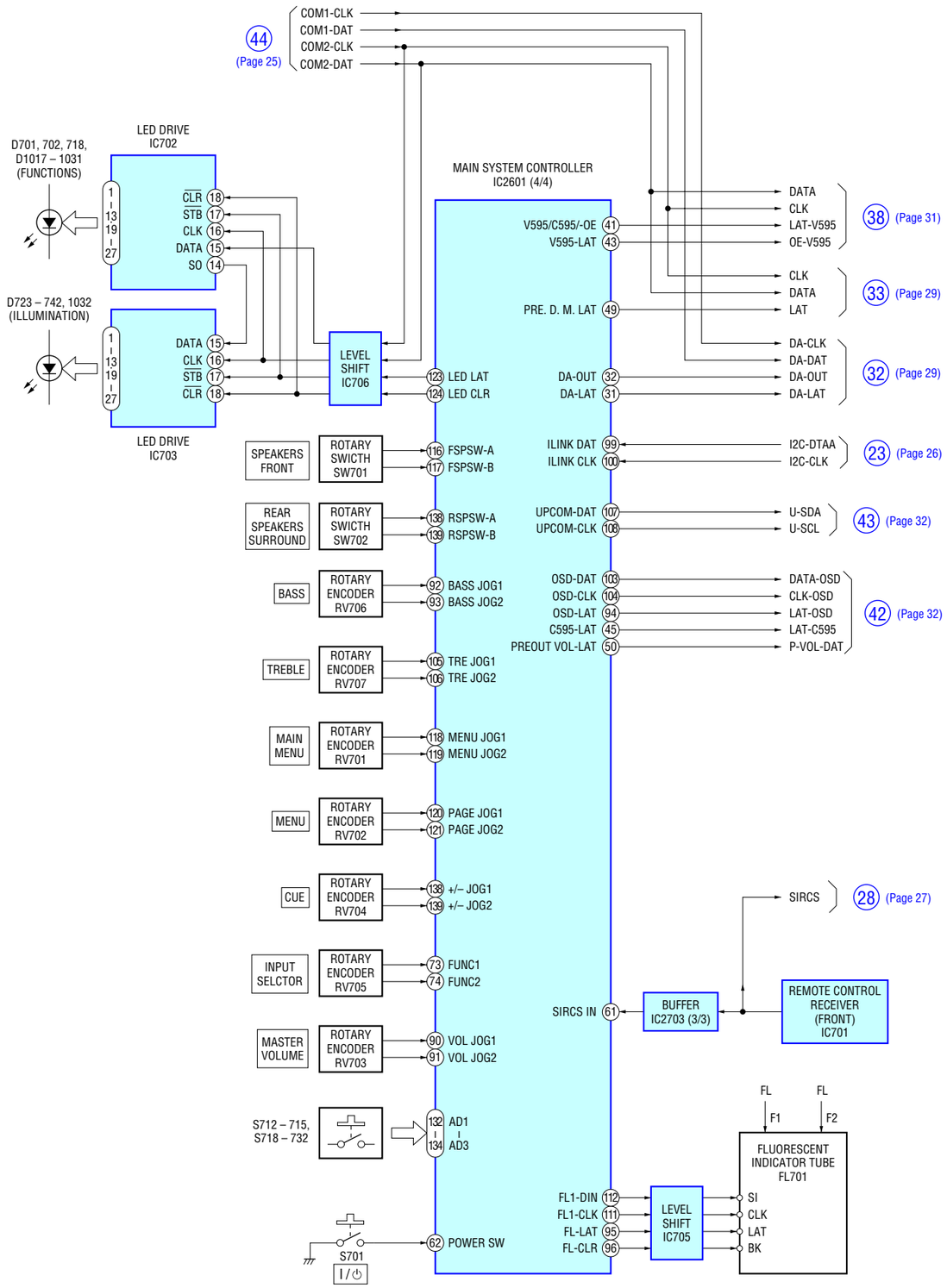
## 6-9. BLOCK DIAGRAM – VIDEO INPUT/OUT Section –



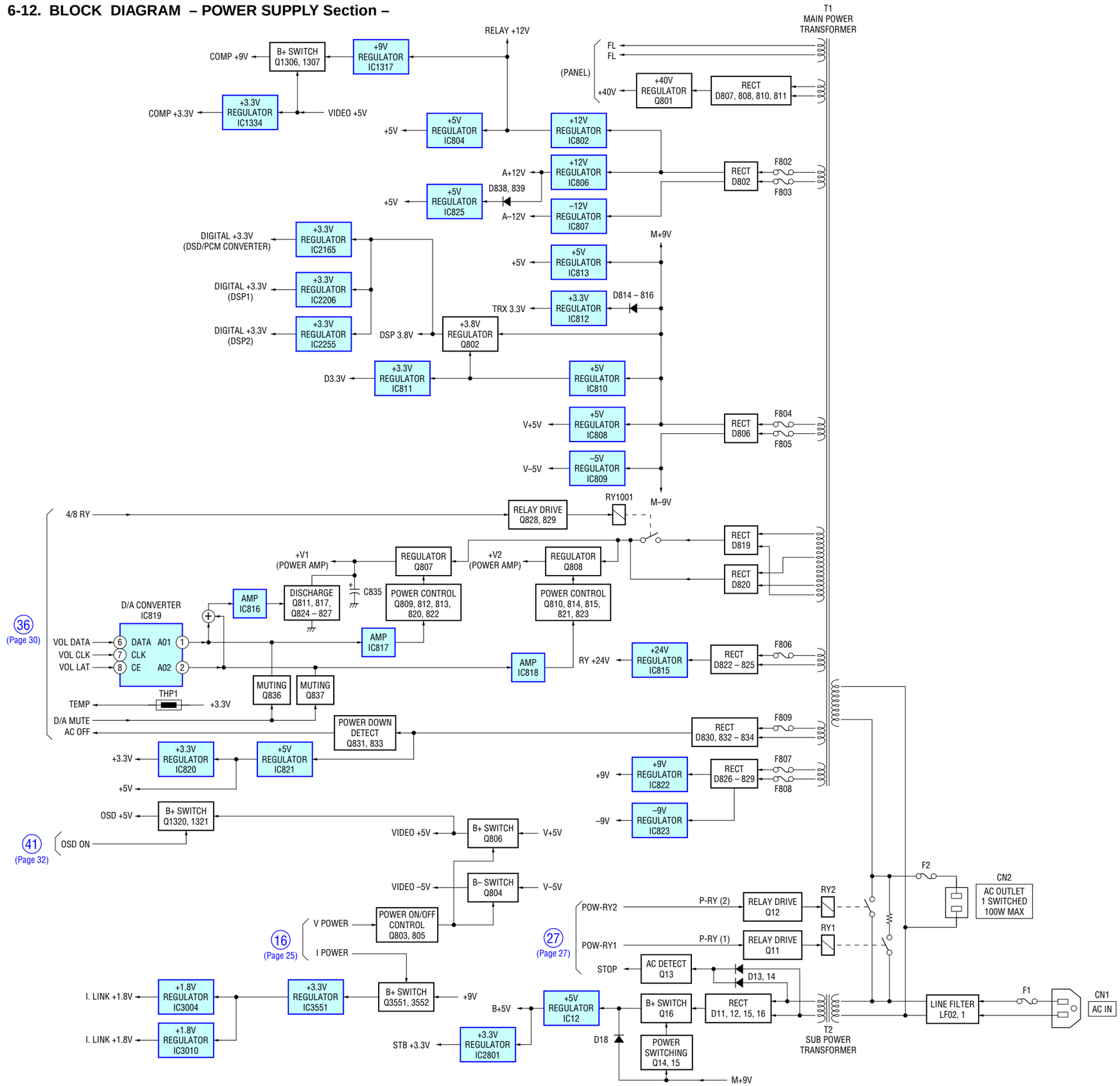
## 6-10. BLOCK DIAGRAM – COMPONENT VIDEO Section –



## 6-11. BLOCK DIAGRAM – DISPLAY/CONTROL Section –



## 6-12. BLOCK DIAGRAM – POWER SUPPLY Section –



## 6-13. NOTE FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

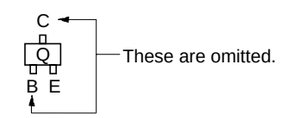
**Note on Printed Wiring Board:**

- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- ■ : parts mounted on the conductor side.
- ○ : Through hole.
- △ : internal component.
- ▭ : Pattern from the side which enables seeing.

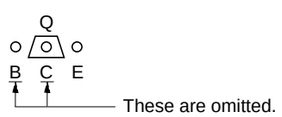
(The other layers' patterns are not indicated.)

| Caution: | |
|---|---|
| Pattern face side: (Conductor Side) | Parts on the pattern face side seen from the pattern face are indicated. |
| Parts face side: (Component Side) | Parts on the parts face side seen from the parts face are indicated. |

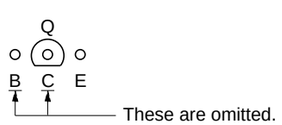
- Indication of transistor




These are omitted.




These are omitted.




These are omitted.

- DIGITAL, AMP, FCOIL, RCOIL, I. LINK, F. VIDEO, IR and S. F boards are multi-layer printed board.
  However, the patterns of intermediate layers have not been included in this diagrams.

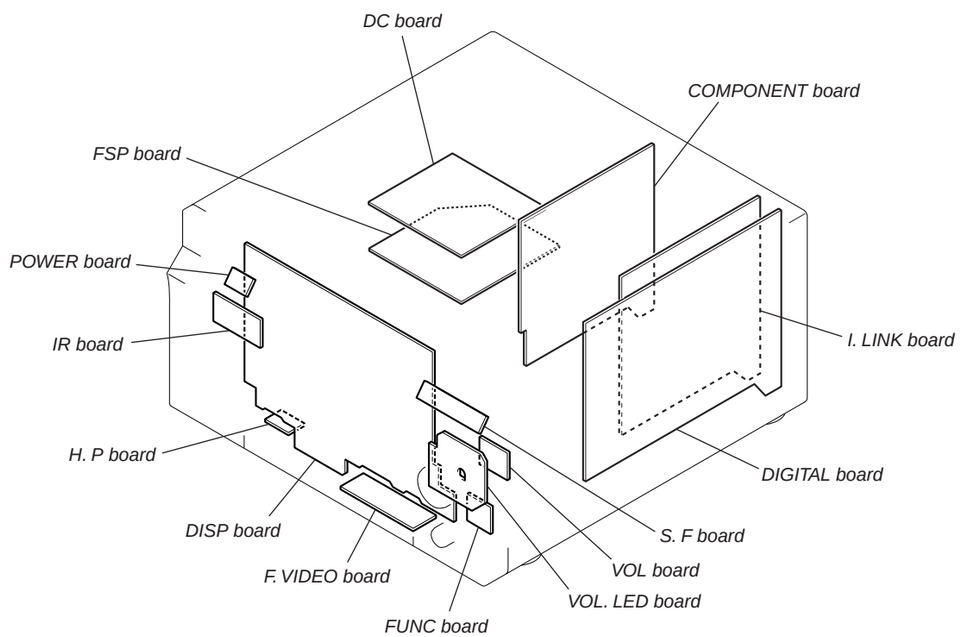
**Note on Schematic Diagram:**

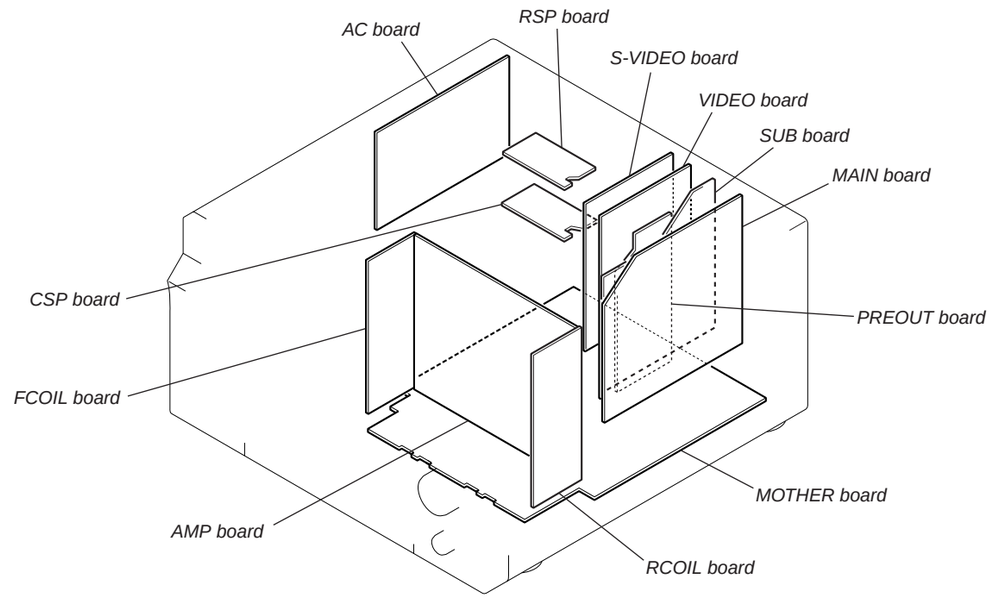
- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : fusible resistor.
- : nonflammable resistor.
- : panel designation.

**Note:** The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

- : B+ Line.
- : B– Line.
- : adjustment for repair.
- Voltages are dc with respect to ground under no-signal (detuned) conditions.
  no mark : TUNER
  ( ) : VIDEO 1 mode
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  : AUDIO (ANALOG)
  : AUDIO (DIGITAL)
  : VIDEO
- Abbreviation
  KR : Korean model
  TW : Taiwan model

- **Circuit Boards Location**



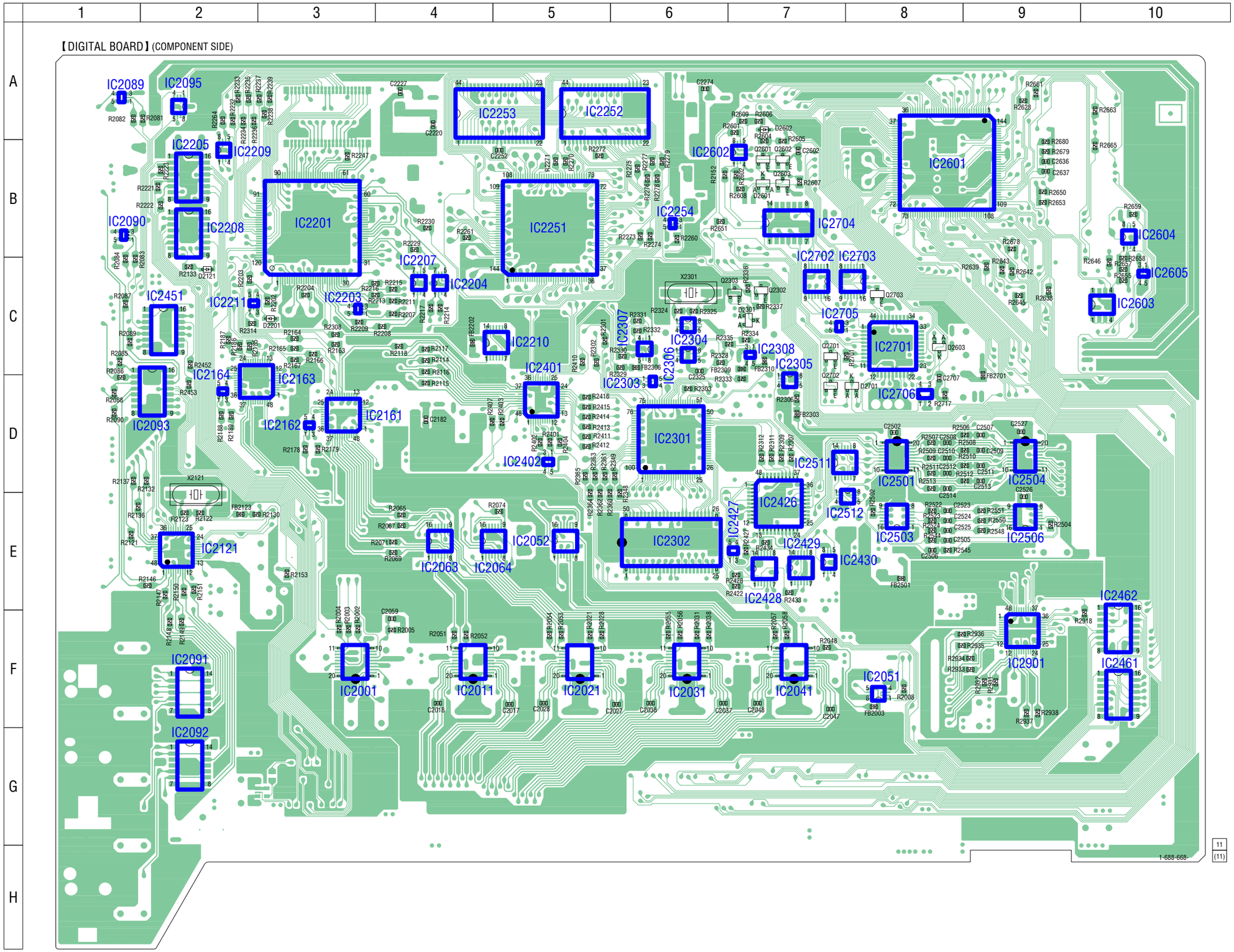
## 6-14. PRINTED WIRING BOARD – DIGITAL Board (Component Side) –

• See page 35 for Circuit Boards Location.

:Uses unleaded solder.

• **Semiconductor Location**

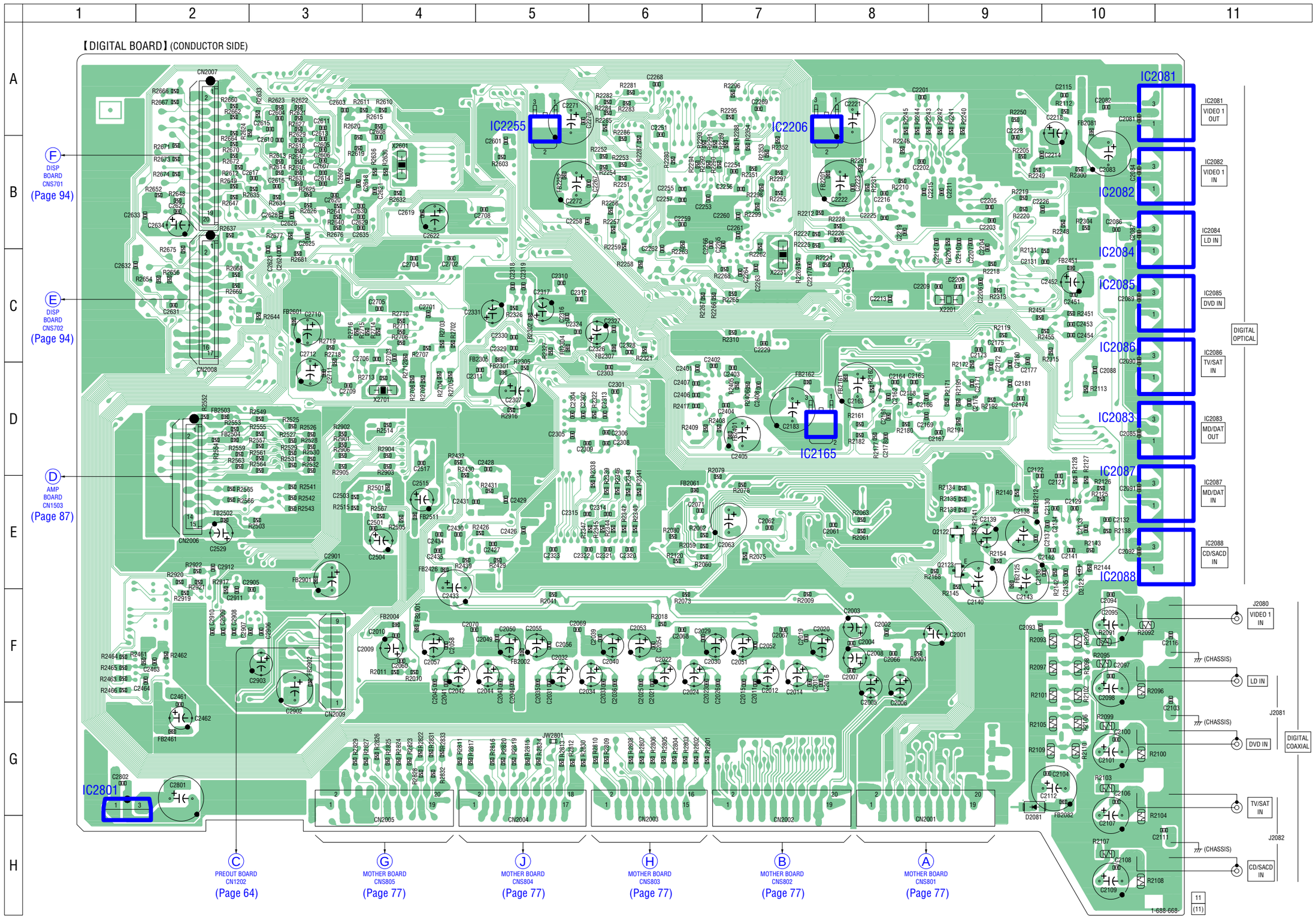
| Ref. No. | Location | Ref. No. | Location |
|---|---|---|---|
| D2121 | C-2 | IC2303 | D-6 |
| D2201 | C-3 | IC2304 | C-6 |
| D2301 | C-7 | IC2305 | D-7 |
| D2601 | B-7 | IC2306 | C-6 |
| D2602 | A-7 | IC2307 | C-6 |
| D2603 | C-8 | IC2308 | C-7 |
| D2701 | D-8 | IC2401 | D-5 |
| | | IC2402 | D-5 |
| IC2001 | F-3 | IC2426 | E-7 |
| IC2011 | F-4 | IC2427 | E-7 |
| IC2021 | F-5 | IC2428 | E-7 |
| IC2031 | F-6 | IC2429 | E-7 |
| IC2041 | F-7 | IC2430 | E-7 |
| IC2051 | F-8 | IC2451 | C-2 |
| IC2052 | E-5 | IC2461 | F-10 |
| IC2063 | E-4 | IC2462 | F-10 |
| IC2064 | E-5 | IC2501 | D-8 |
| IC2089 | A-1 | IC2503 | E-8 |
| IC2090 | B-1 | IC2504 | D-9 |
| IC2091 | F-2 | IC2506 | E-9 |
| IC2092 | G-2 | IC2511 | D-7 |
| IC2093 | D-2 | IC2512 | E-8 |
| IC2095 | A-2 | IC2601 | B-8 |
| IC2121 | E-2 | IC2602 | B-7 |
| IC2161 | D-3 | IC2603 | C-10 |
| IC2162 | D-3 | IC2604 | B-10 |
| IC2163 | D-2 | IC2605 | C-10 |
| IC2164 | D-2 | IC2701 | C-8 |
| IC2201 | B-3 | IC2702 | C-7 |
| IC2203 | C-3 | IC2703 | C-8 |
| IC2204 | C-4 | IC2704 | B-7 |
| IC2205 | B-2 | IC2705 | C-7 |
| IC2207 | C-4 | IC2706 | D-8 |
| IC2208 | B-2 | IC2901 | F-9 |
| IC2209 | B-2 | | |
| IC2210 | C-5 | Q2302 | C-7 |
| IC2211 | C-2 | Q2303 | C-7 |
| IC2251 | B-5 | Q2601 | B-7 |
| IC2252 | A-5 | Q2602 | B-7 |
| IC2253 | A-5 | Q2603 | B-7 |
| IC2254 | B-6 | Q2701 | C-7 |
| IC2301 | D-6 | Q2702 | D-7 |
| IC2302 | E-6 | Q2703 | C-8 |



## 6-15. PRINTED WIRING BOARD – DIGITAL Board (Conductor Side) –

• See page 35 for Circuit Boards Location.

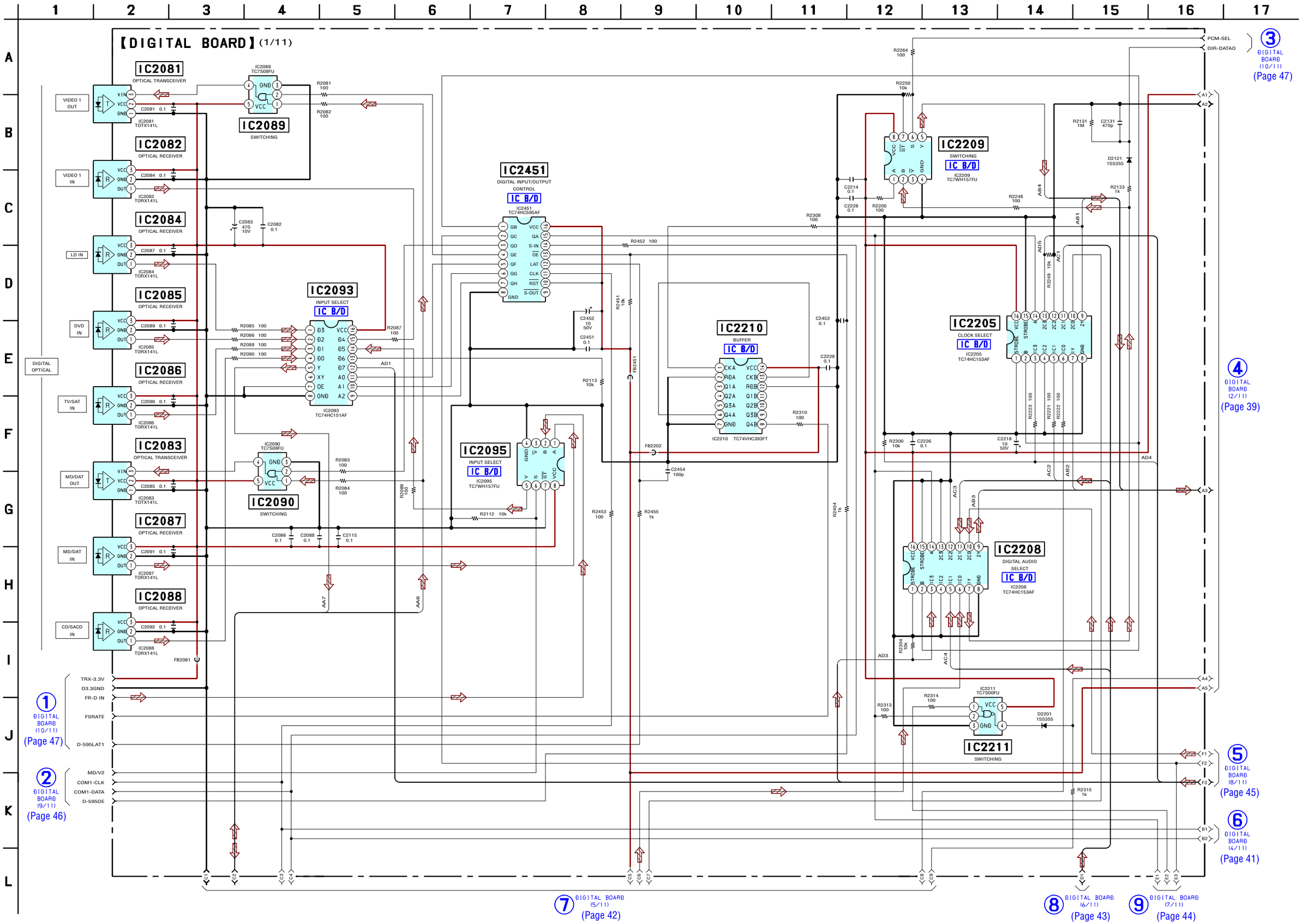
:Uses unleaded solder.



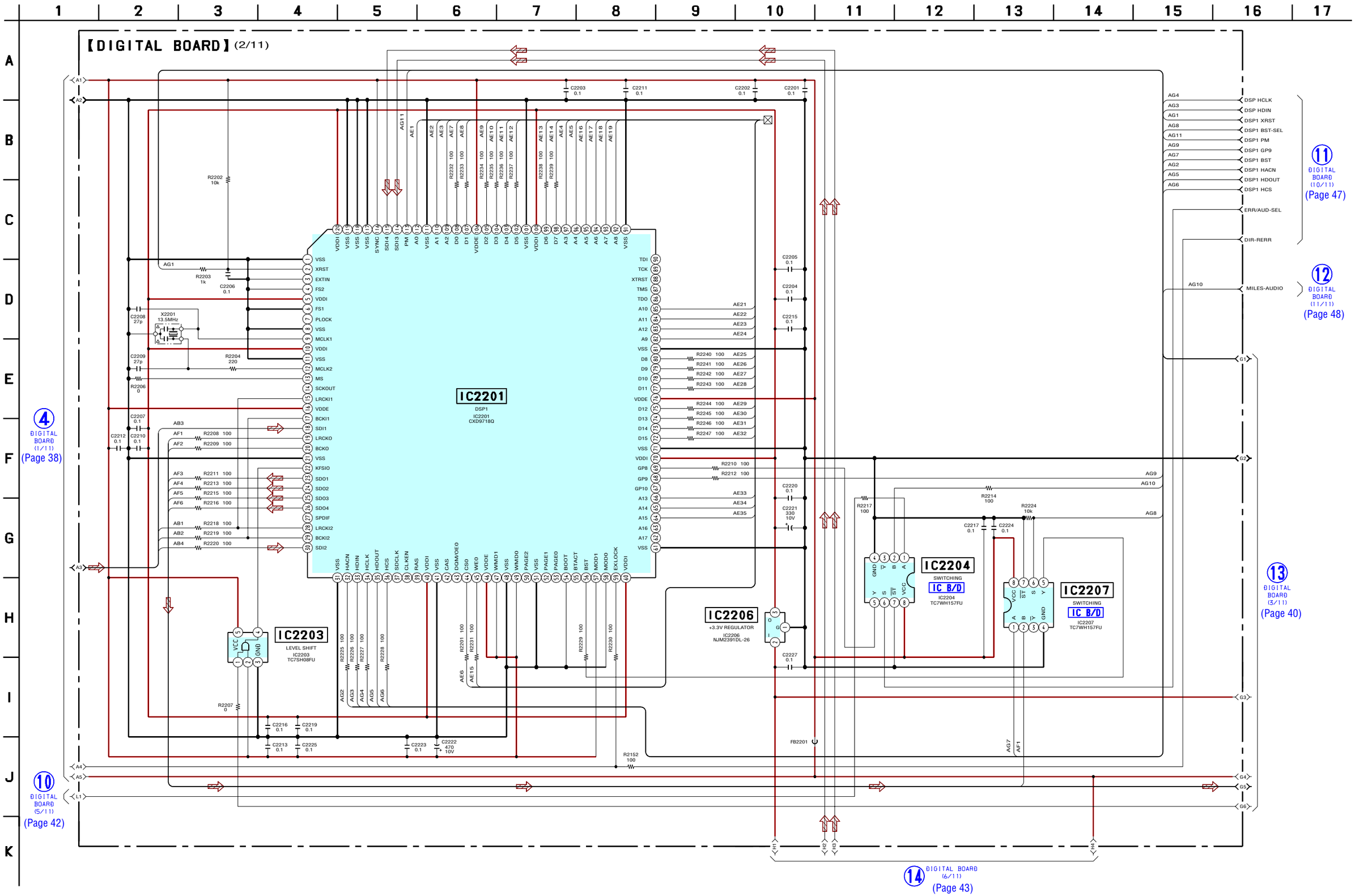

- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D2081 | G-9 |
| D2122 | E-10 |
| IC2081 | A-11 |
| IC2082 | B-11 |
| IC2083 | B-11 |
| IC2084 | C-11 |
| IC2085 | D-11 |
| IC2086 | D-11 |
| IC2087 | E-11 |
| IC2088 | E-11 |
| IC2165 | D-8 |
| IC2206 | A-8 |
| IC2255 | A-5 |
| IC2801 | G-1 |
| Q2122 | E-9 |
| Q2123 | E-9 |

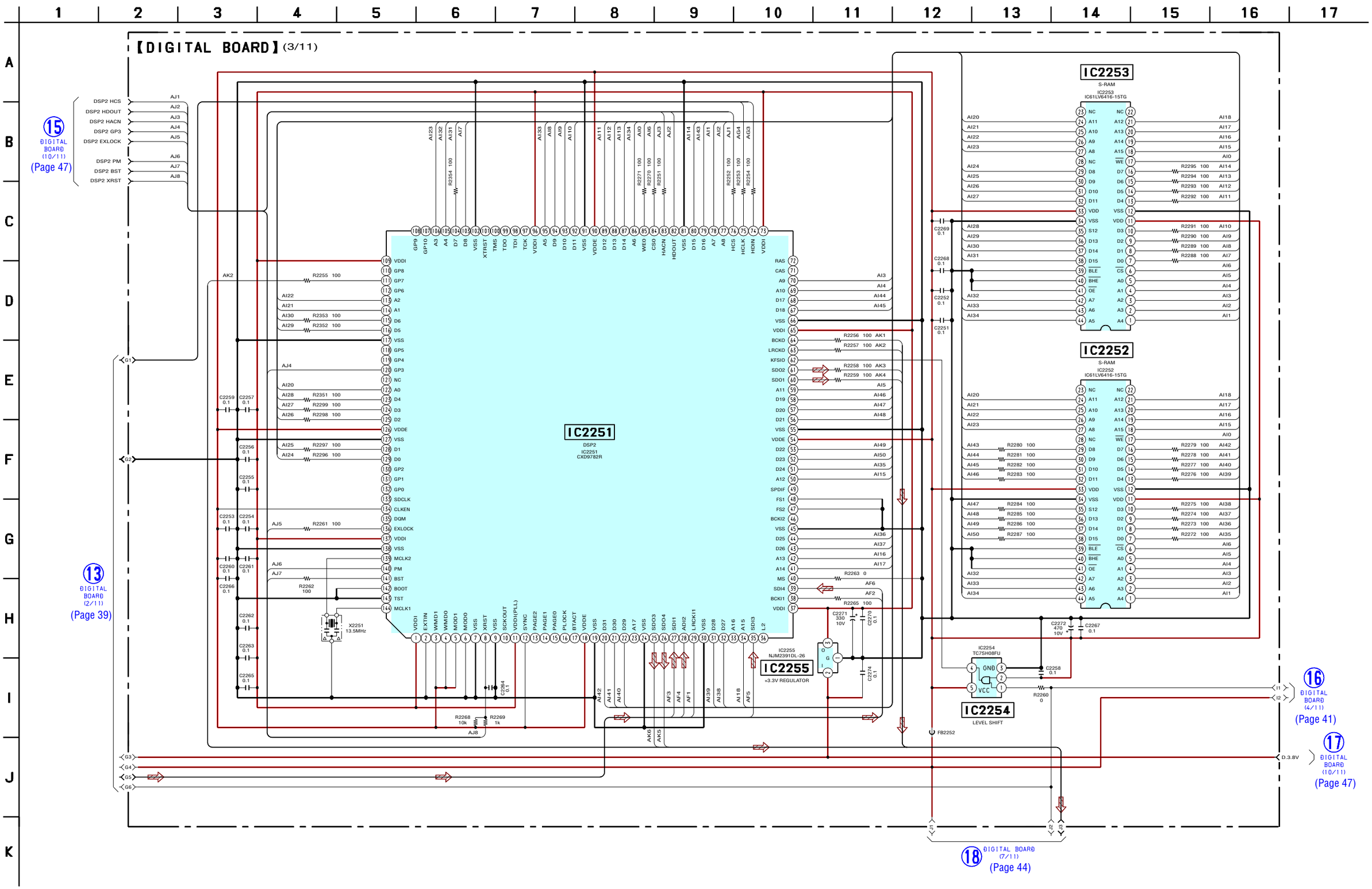
## 6-16. SCHEMATIC DIAGRAM – DIGITAL Board (1/11) –



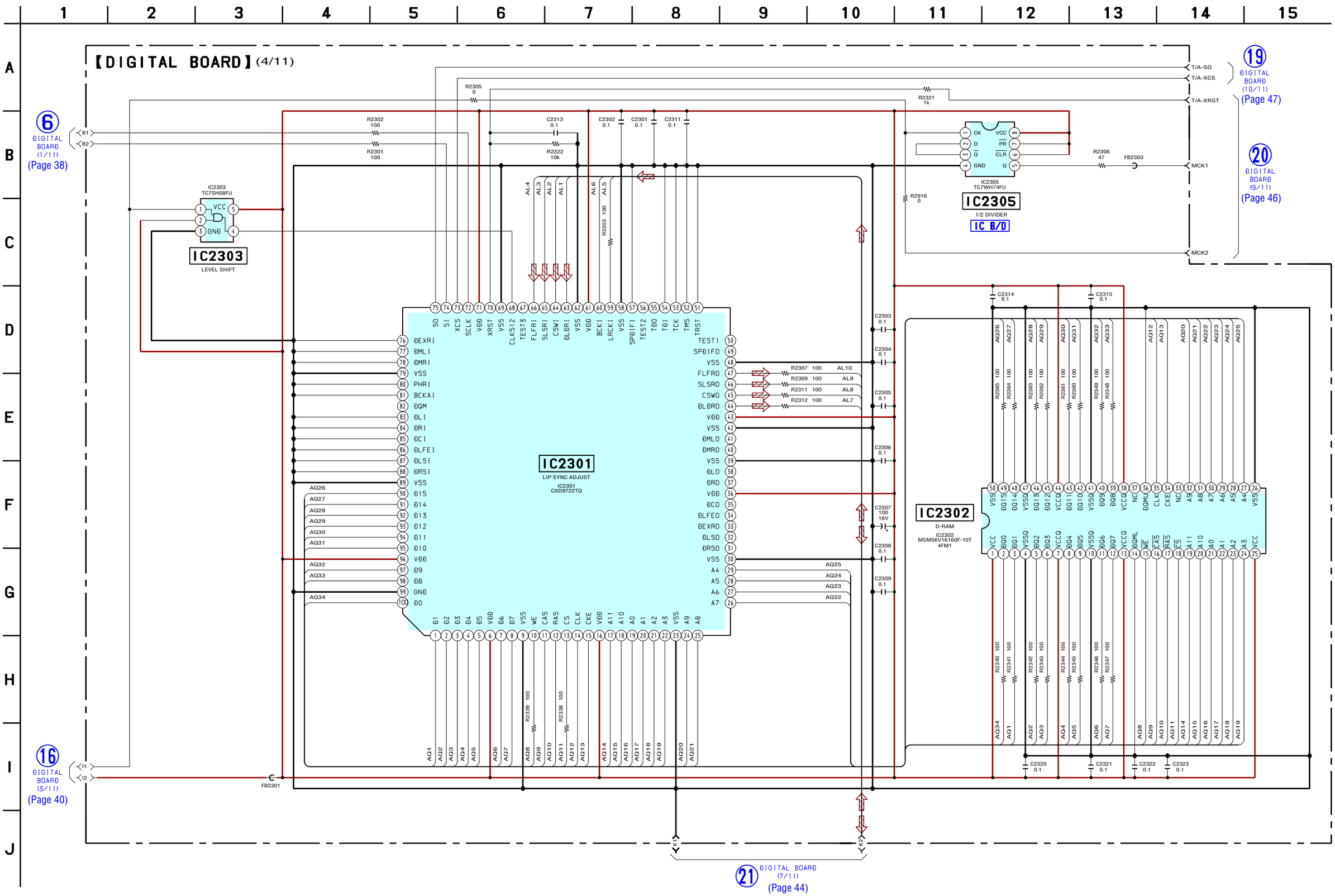
## 6-17. SCHEMATIC DIAGRAM – DIGITAL Board (2/11) –



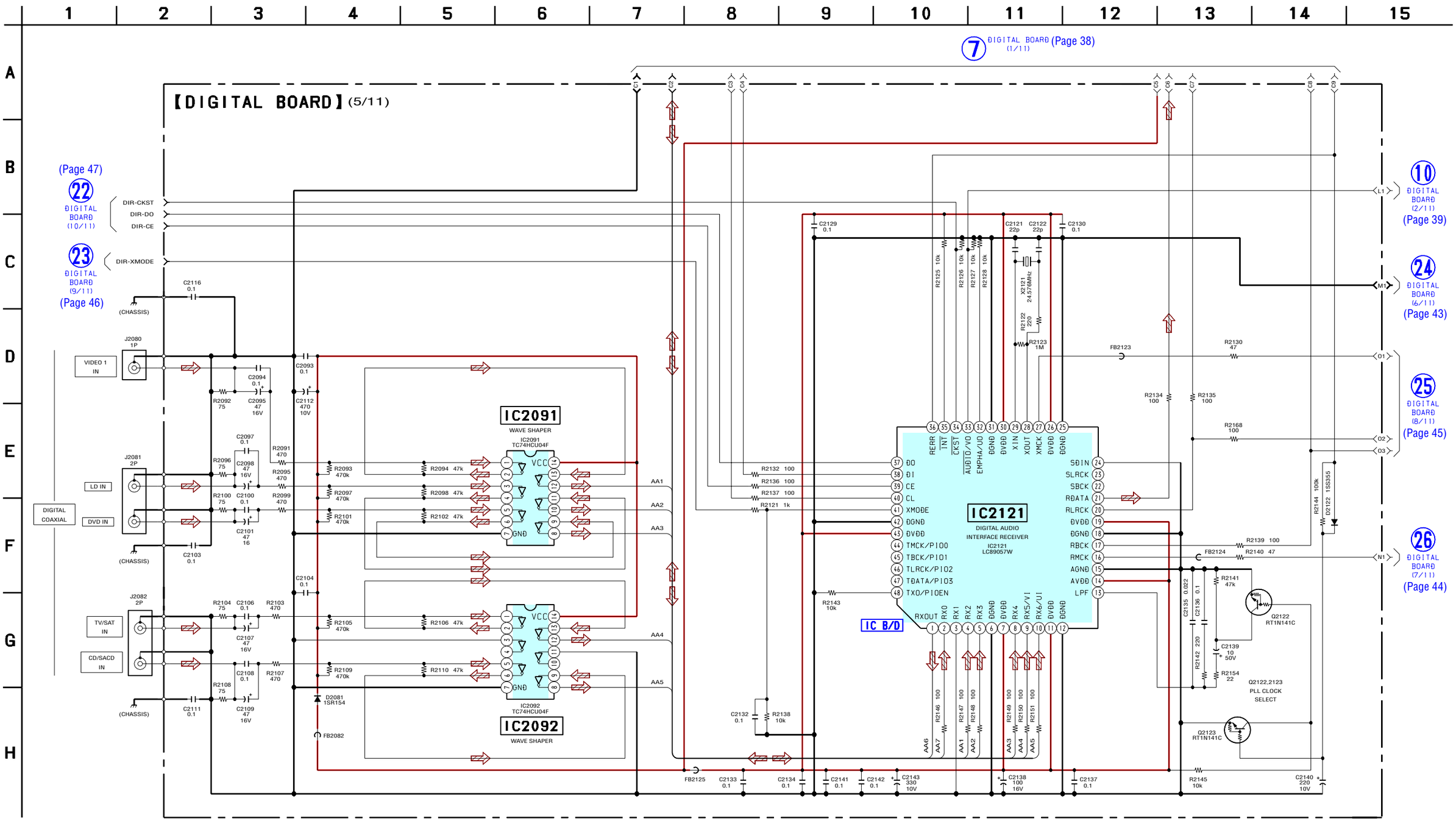
## 6-18. SCHEMATIC DIAGRAM – DIGITAL Board (3/11) –



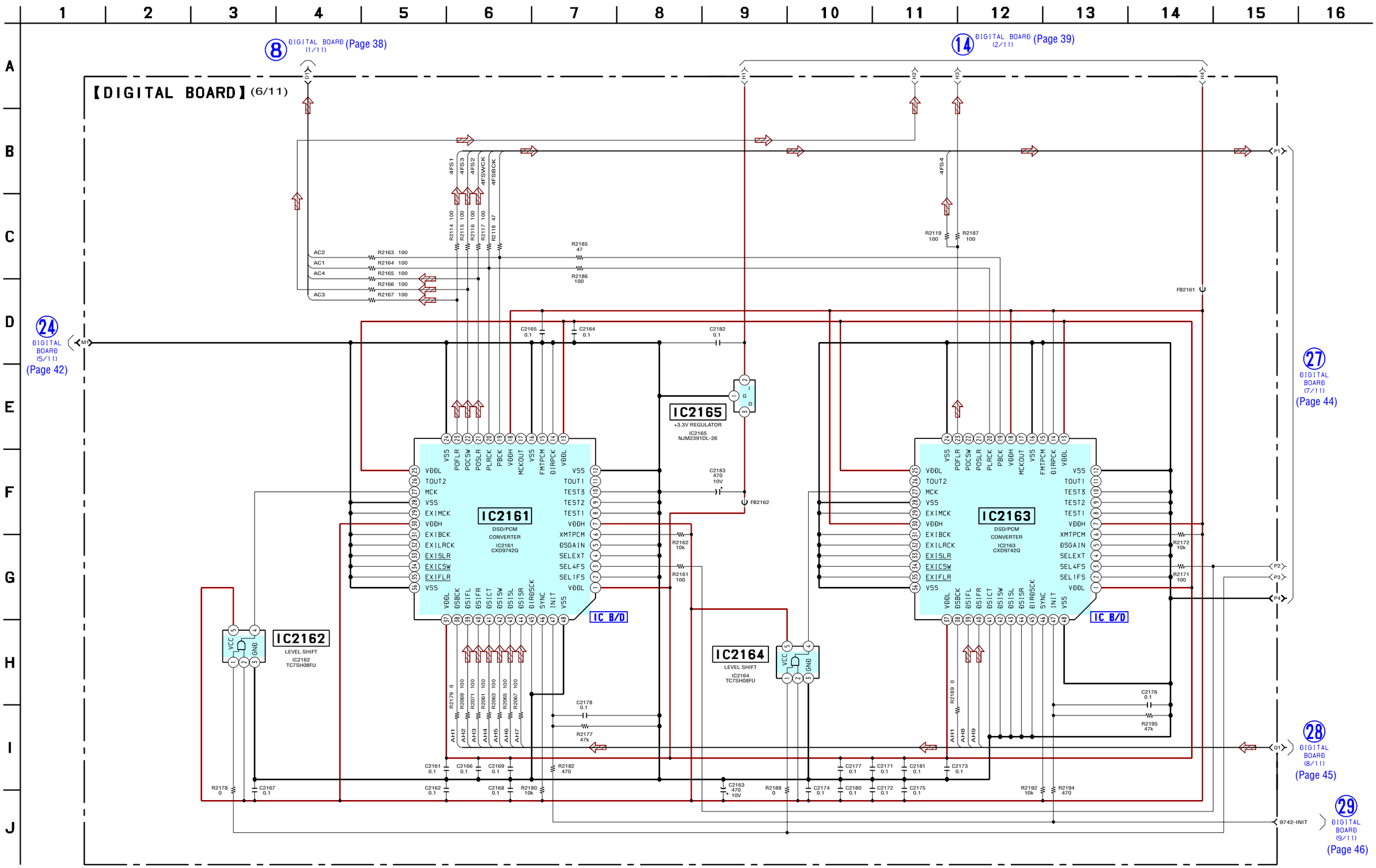
## 6-19. SCHEMATIC DIAGRAM – DIGITAL Board (4/11) –



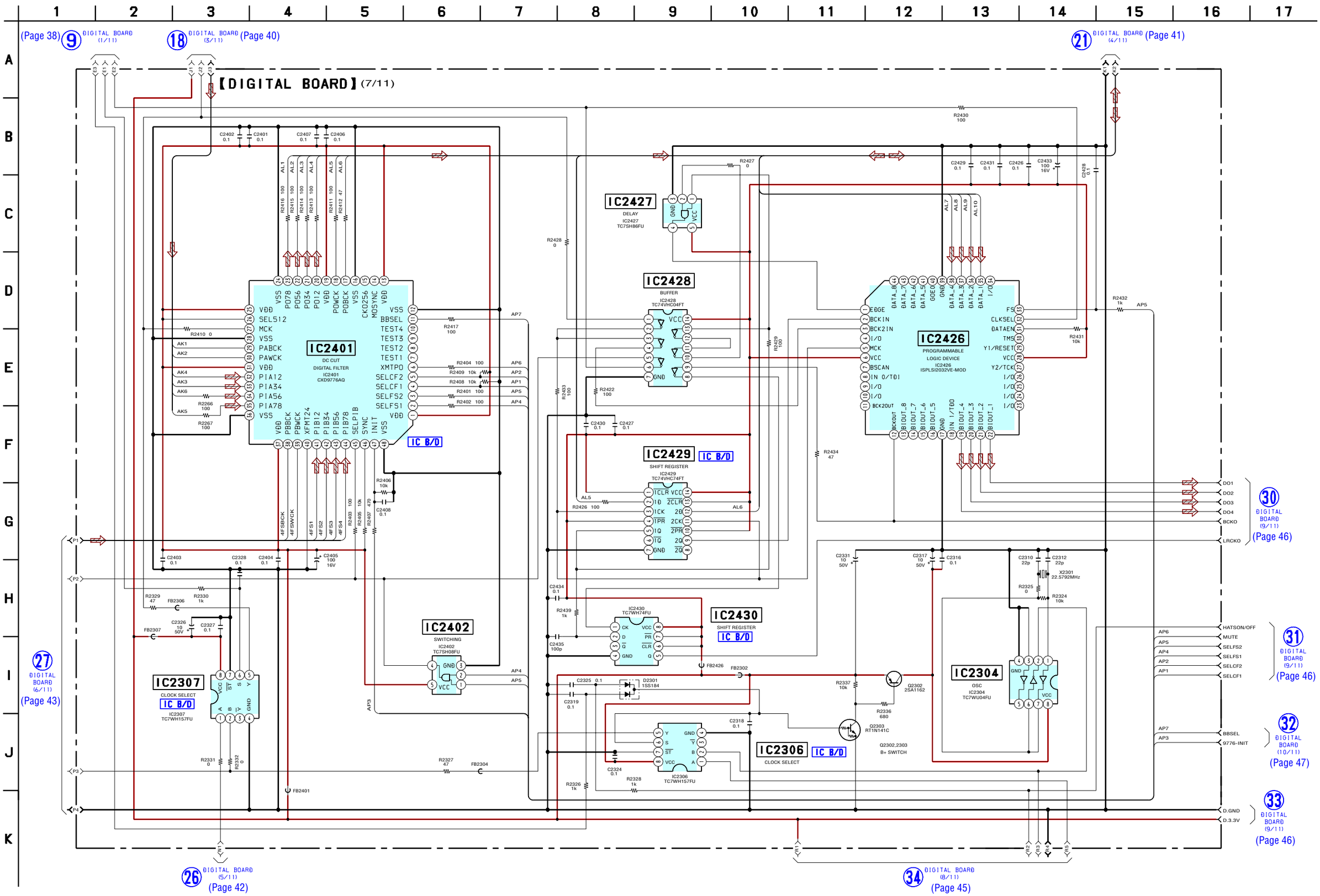
## 6-20. SCHEMATIC DIAGRAM – DIGITAL Board (5/11) –



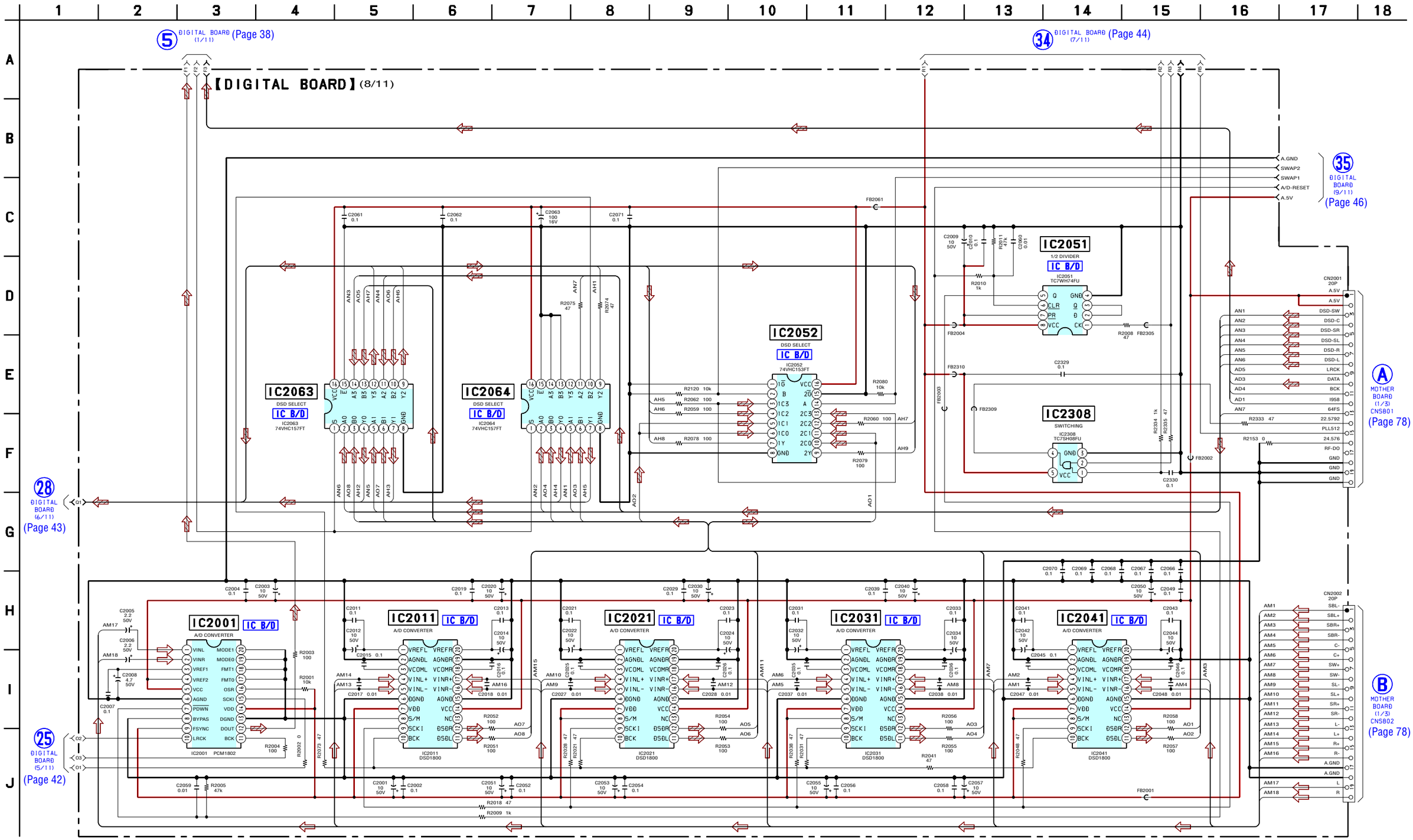
## 6-21. SCHEMATIC DIAGRAM – DIGITAL Board (6/11) –



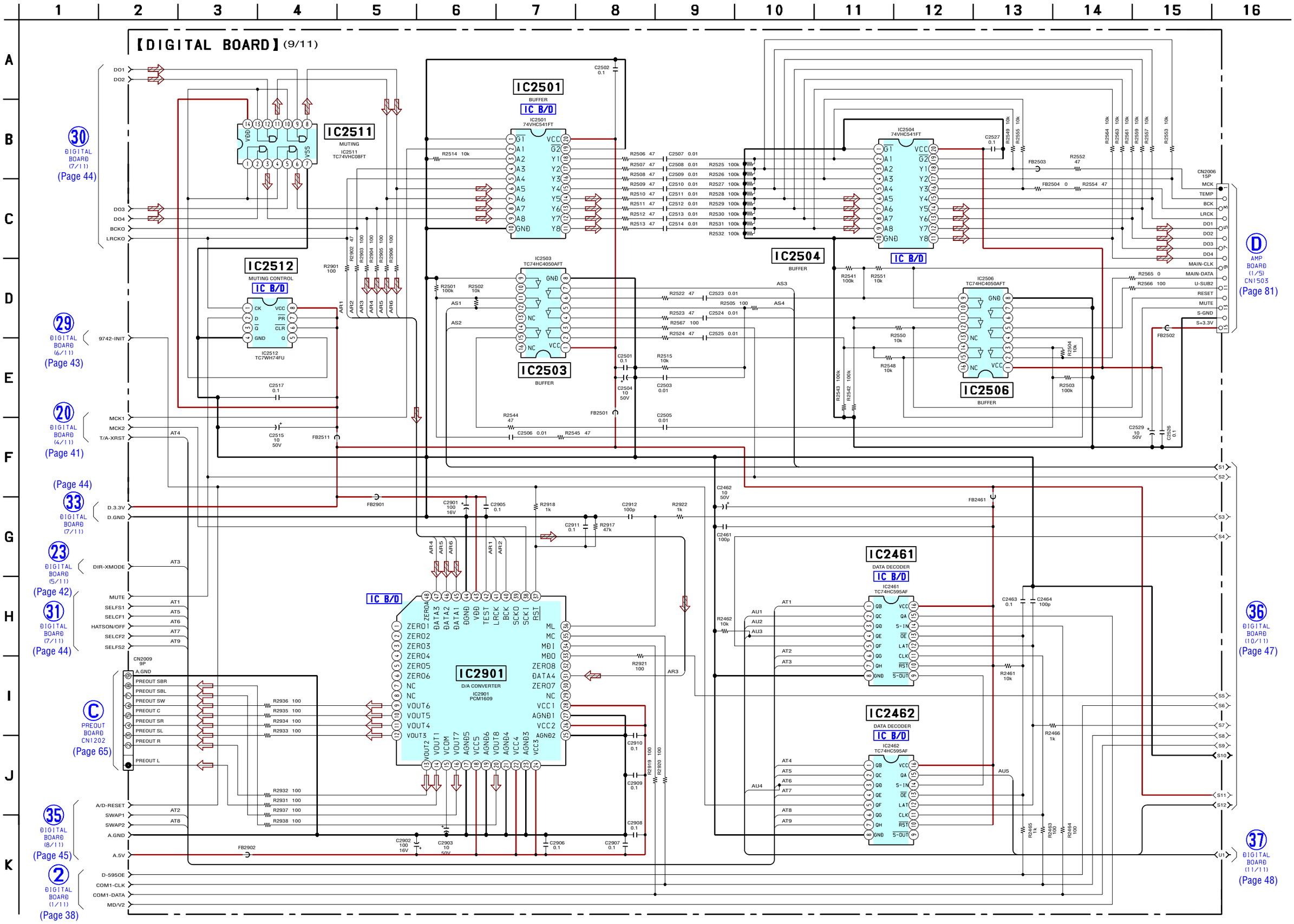
## 6-22. SCHEMATIC DIAGRAM – DIGITAL Board (7/11) –



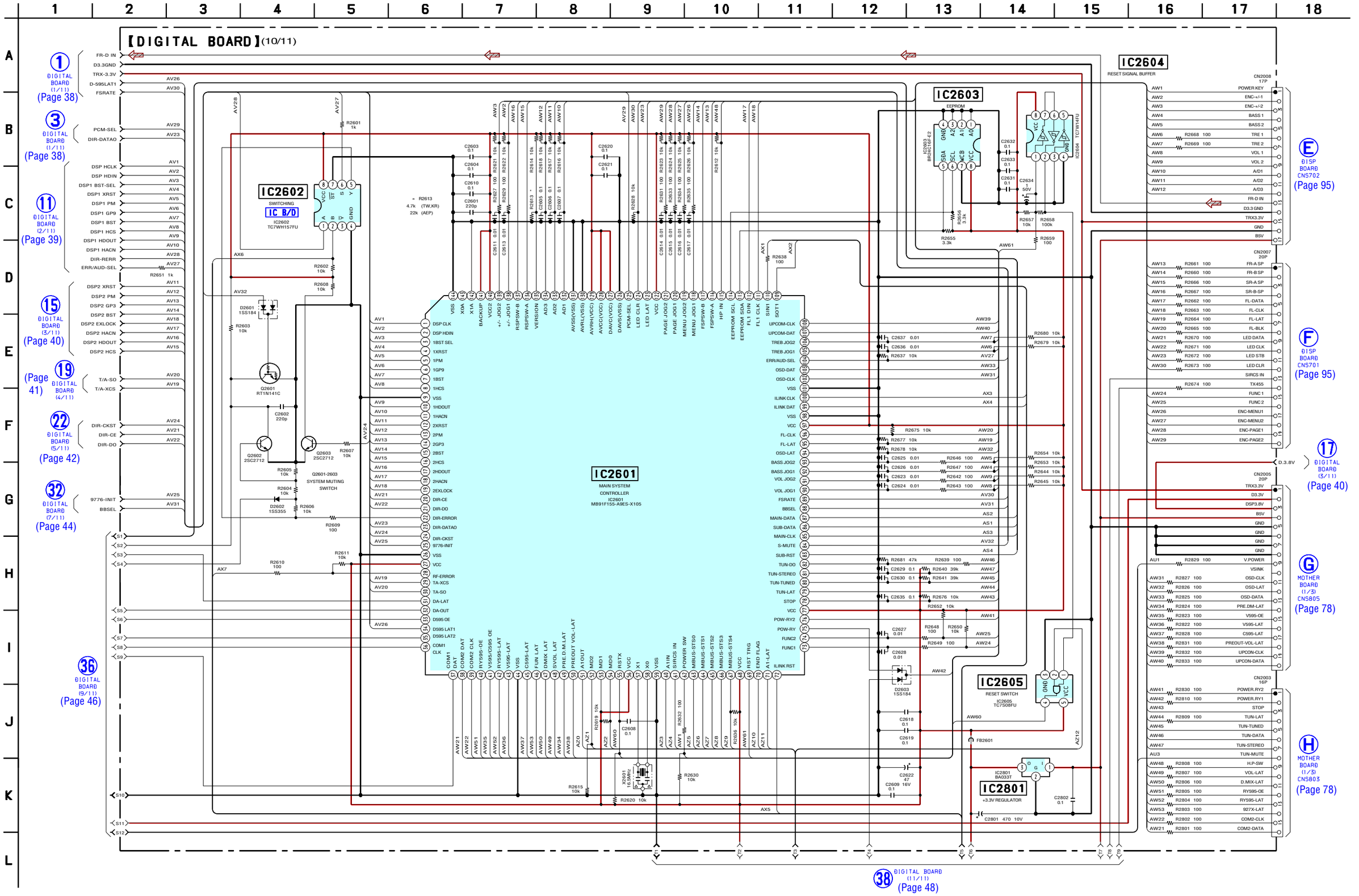
## 6-23. SCHEMATIC DIAGRAM – DIGITAL Board (8/11) –


【DIGITAL BOARD】(8/11)
5 DIGITAL BOARD (1/11) (Page 38)
34 DIGITAL BOARD (7/11) (Page 44)
35 DIGITAL BOARD (9/11) (Page 46)
A MOTHER BOARD (1/3) CN5801 (Page 78)
B MOTHER BOARD (1/3) CN5802 (Page 78)
28 DIGITAL BOARD (6/11) (Page 43)
25 DIGITAL BOARD (5/11) (Page 42)
IC2063 DSD SELECT IC B/D IC2063 74VHC157FT
IC2064 DSD SELECT IC B/D IC2064 74VHC157FT
IC2052 DSD SELECT IC B/D IC2052 74VHC153FT
IC2051 1/2 DIVIDER IC B/D IC2051 TC7WH74FU
IC2308 SWITCHING IC2308 TC7SH08FU
IC2001 A/D CONVERTER IC2001 PCM1802
IC2011 A/D CONVERTER IC2011 DSD1800
IC2021 A/D CONVERTER IC2021 DSD1800
IC2031 A/D CONVERTER IC2031 DSD1800
IC2041 A/D CONVERTER IC2041 DSD1800
A.GND
SWAP2
SWAP1
A/D-RESET
A.5V
CN2001 20P
CN2002 20P

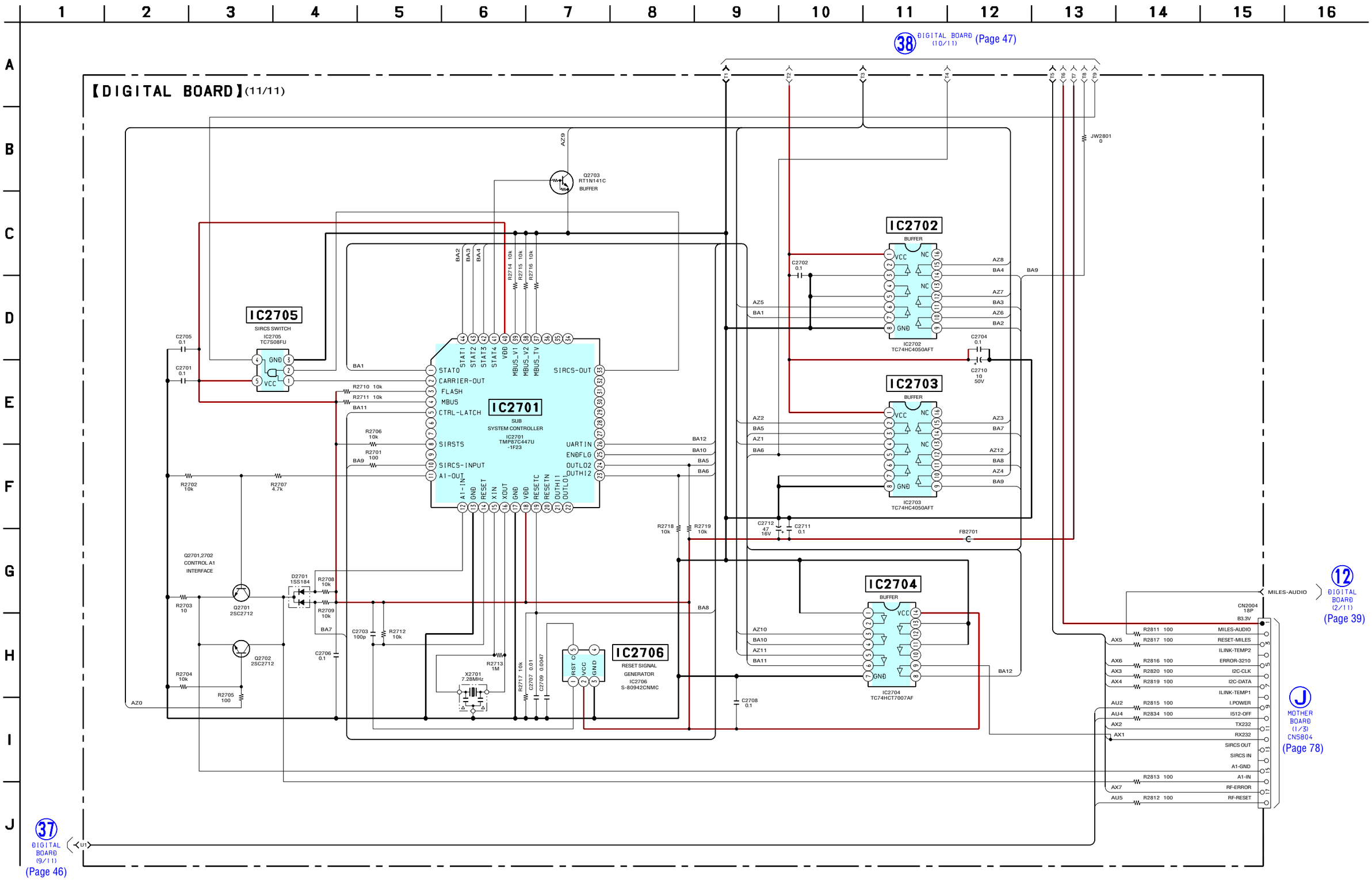
## 6-24. SCHEMATIC DIAGRAM – DIGITAL Board (9/11) –



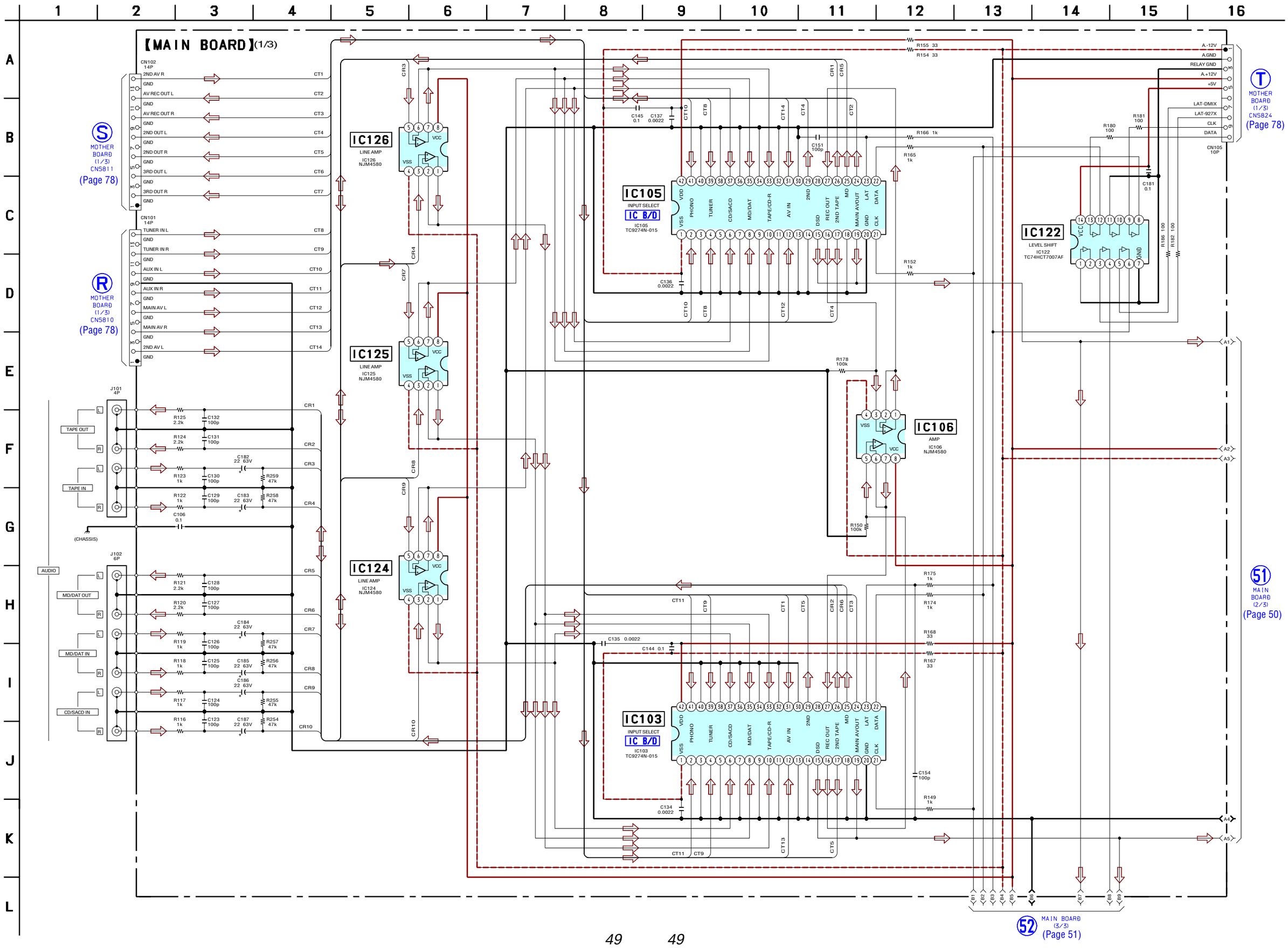
## 6-25. SCHEMATIC DIAGRAM – DIGITAL Board (10/11) –



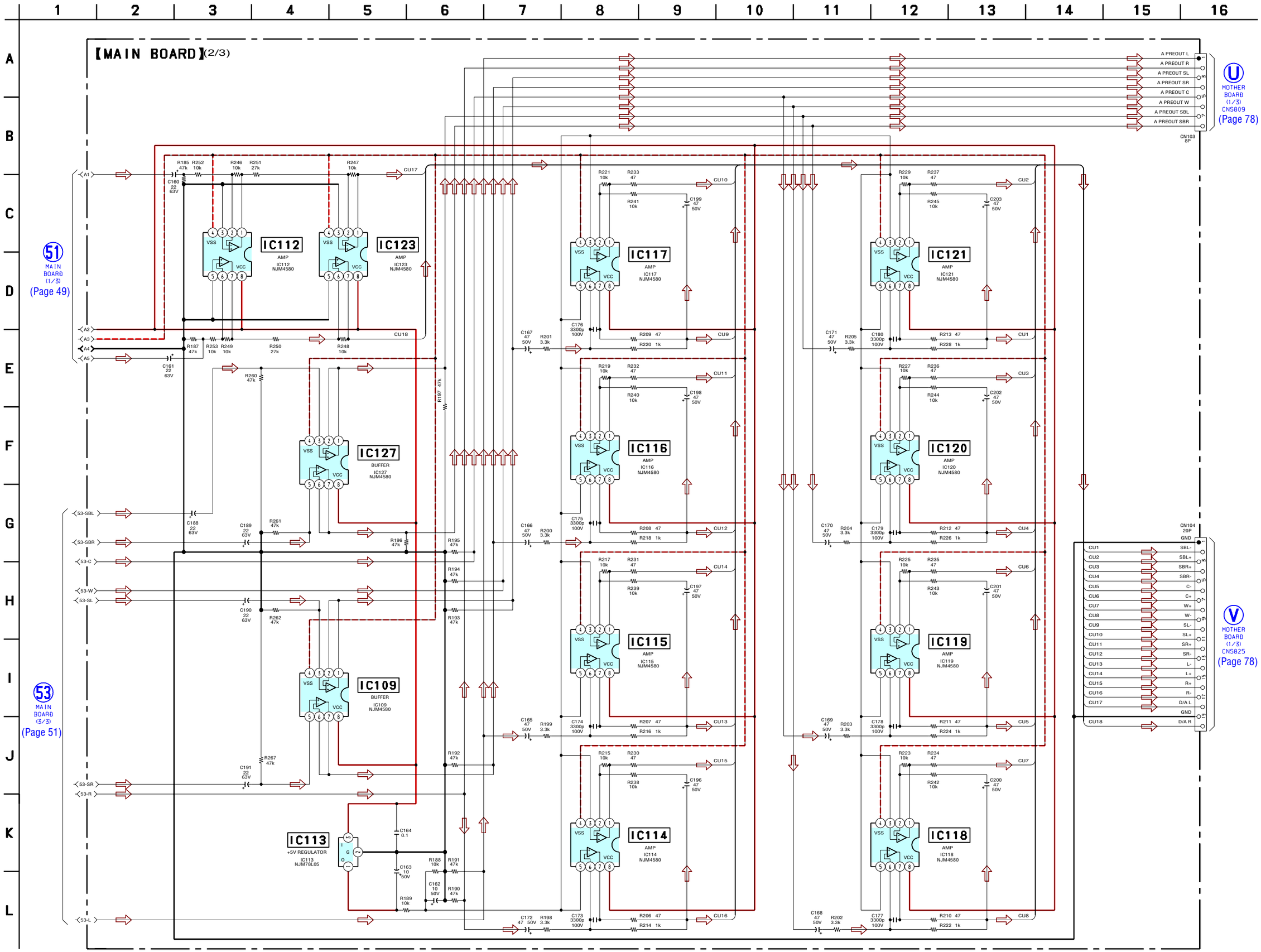
## 6-26. SCHEMATIC DIAGRAM – DIGITAL Board (11/11) –



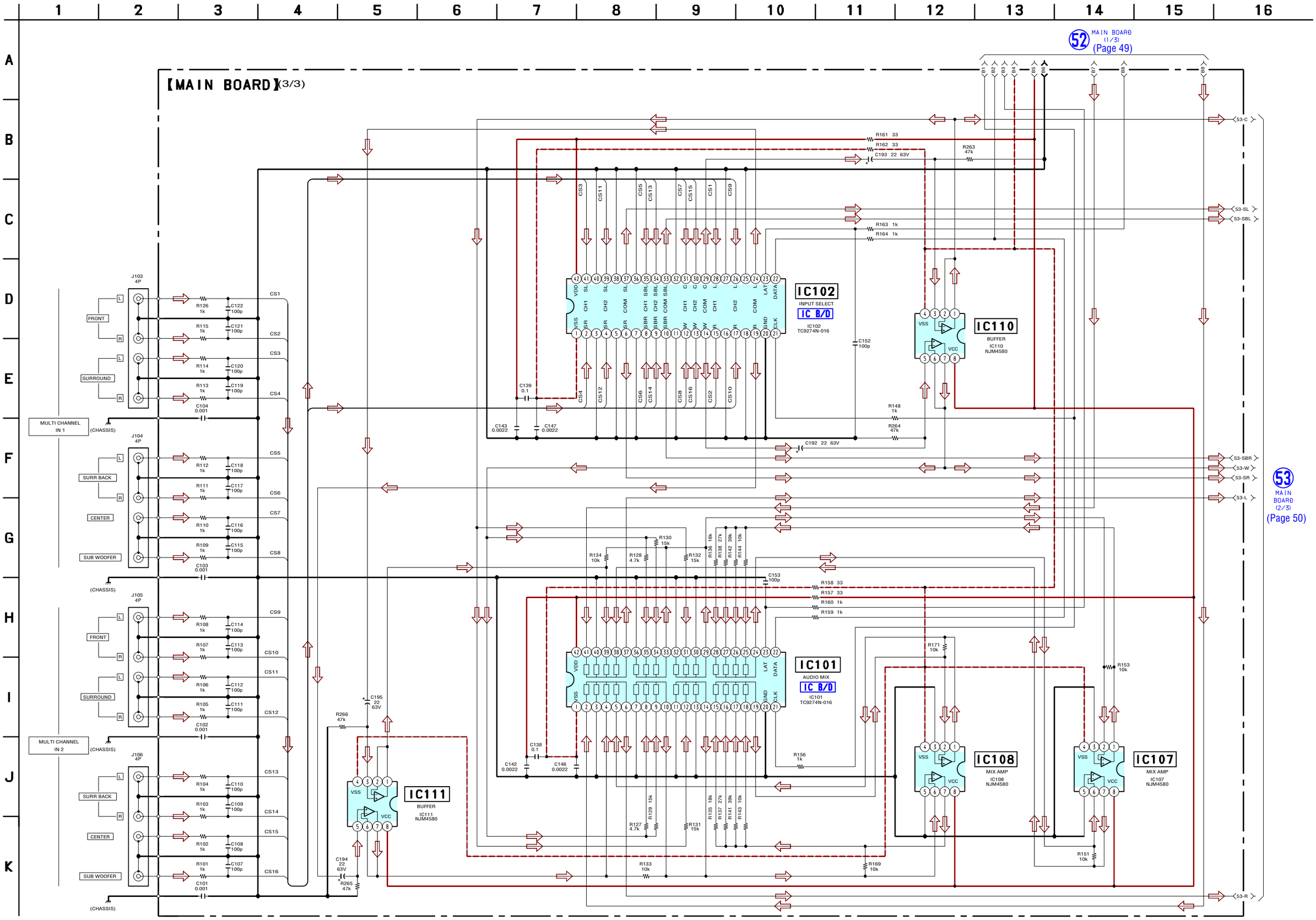
## 6-27. SCHEMATIC DIAGRAM – MAIN Board (1/3) –



## 6-28. SCHEMATIC DIAGRAM – MAIN Board (2/3) –



## 6-29. SCHEMATIC DIAGRAM – MAIN Board (3/3) –



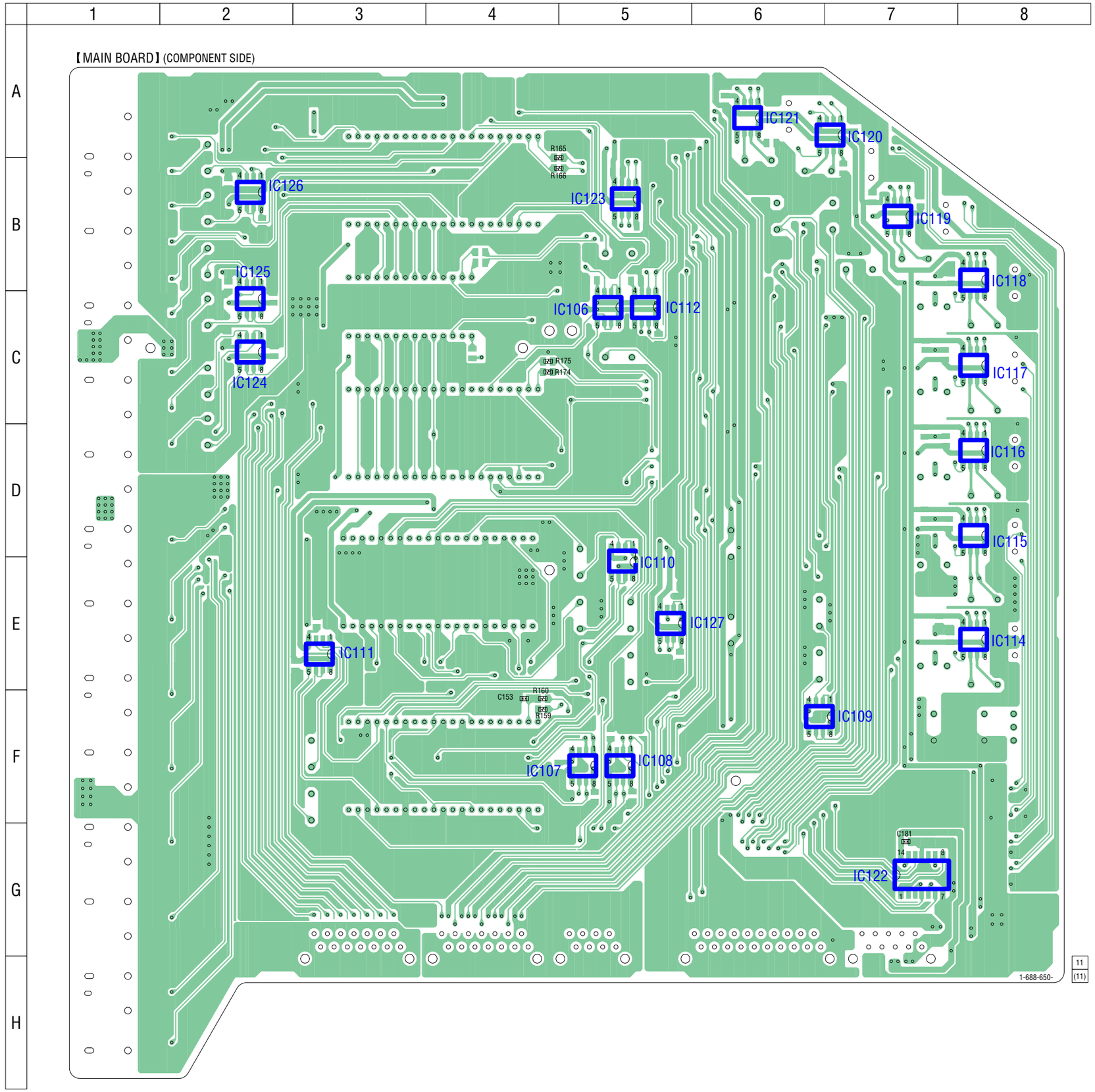
## 6-30. PRINTED WIRING BOARD – MAIN Board (Component Side) –

• See page 35 for Circuit Boards Location.

:Uses unleaded solder.

• **Semiconductor Location**

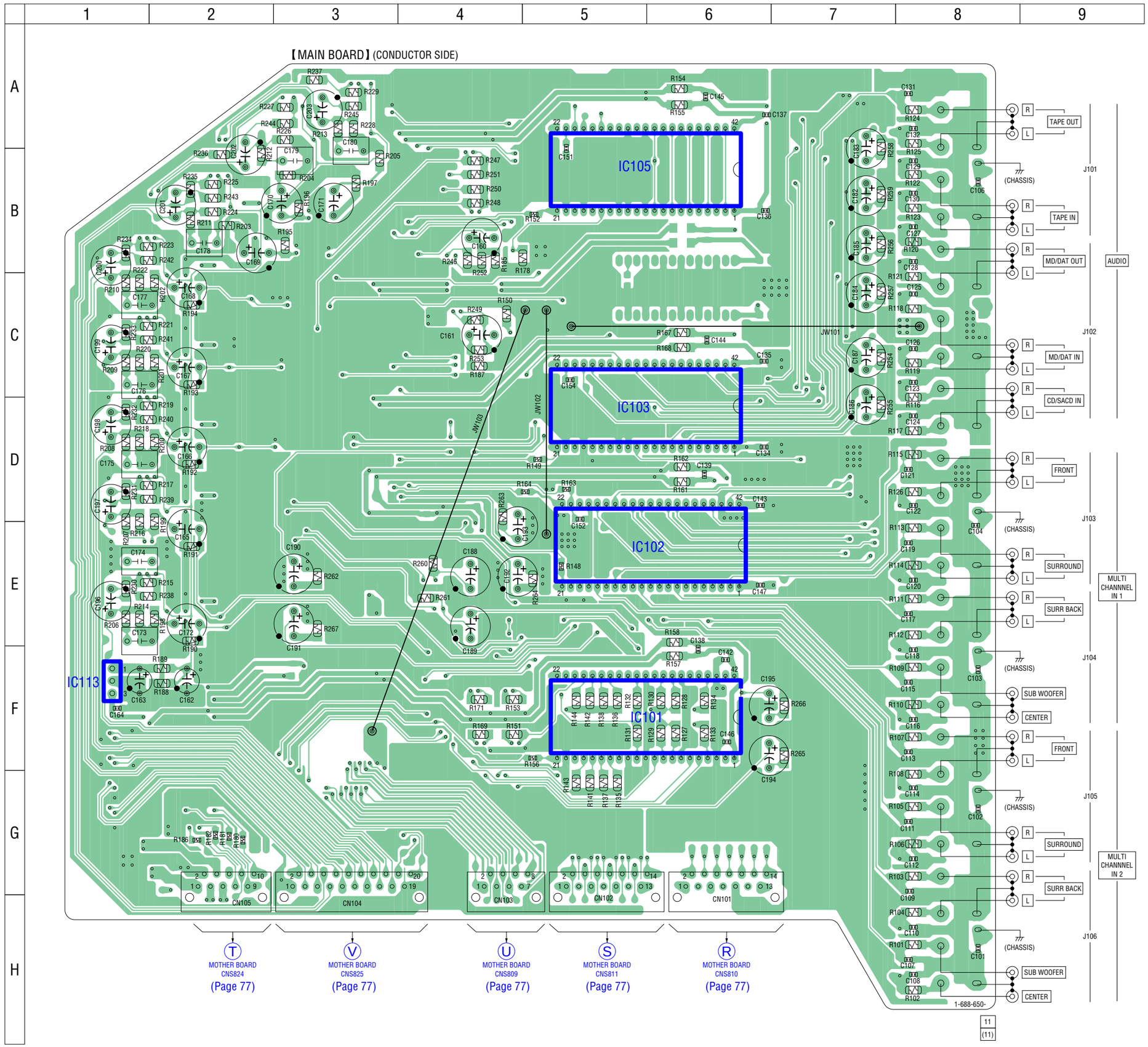
| Ref. No. | Location |
|---|---|
| IC106 | C-5 |
| IC107 | F-5 |
| IC108 | F-5 |
| IC109 | F-6 |
| IC110 | E-5 |
| IC111 | E-3 |
| IC112 | C-5 |
| IC114 | E-8 |
| IC115 | D-8 |
| IC116 | D-8 |
| IC117 | C-8 |
| IC118 | B-8 |
| IC119 | B-7 |
| IC120 | A-7 |
| IC121 | A-6 |
| IC122 | G-7 |
| IC123 | B-5 |
| IC124 | C-2 |
| IC125 | C-2 |
| IC126 | B-2 |
| IC127 | E-5 |



## 6-31. PRINTED WIRING BOARD – MAIN Board (Conductor Side) –

• See page 35 for Circuit Boards Location.

:Uses unleaded solder.




• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| IC101 | F-5 |
| IC102 | E-5 |
| IC103 | D-5 |
| IC105 | B-5 |
| IC113 | F-1 |

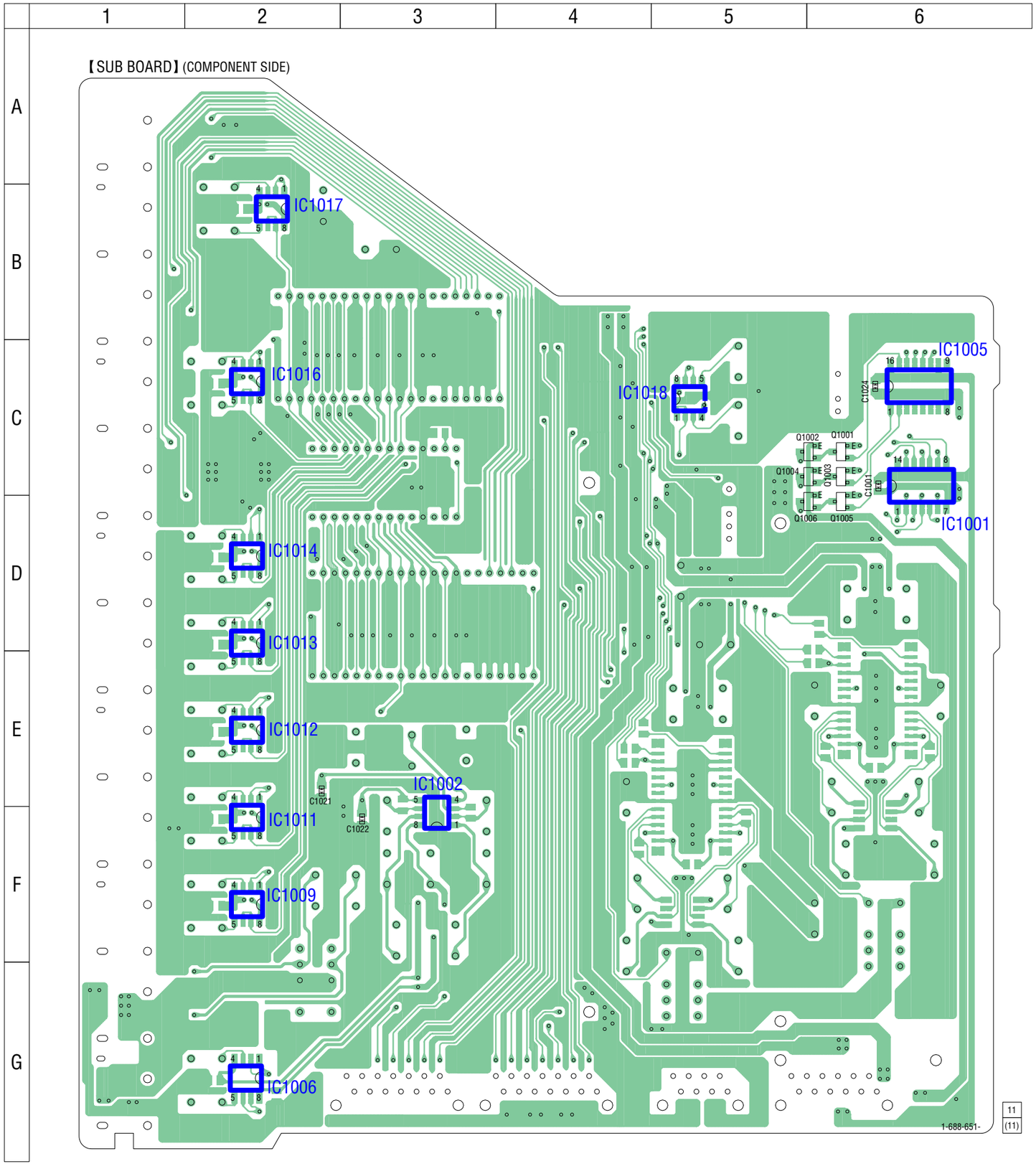
## 6-32. PRINTED WIRING BOARD – SUB Board (Component Side) –

• See page 35 for Circuit Boards Location.

:Uses unleaded solder.

- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| IC1001 | C-6 |
| IC1002 | F-3 |
| IC1005 | C-6 |
| IC1006 | G-2 |
| IC1009 | F-2 |
| IC1011 | F-2 |
| IC1012 | E-2 |
| IC1013 | D-2 |
| IC1014 | D-2 |
| IC1016 | C-2 |
| IC1017 | B-2 |
| IC1018 | C-5 |
| Q1001 | C-6 |
| Q1002 | C-6 |
| Q1003 | C-6 |
| Q1004 | C-6 |
| Q1005 | D-6 |
| Q1006 | D-6 |



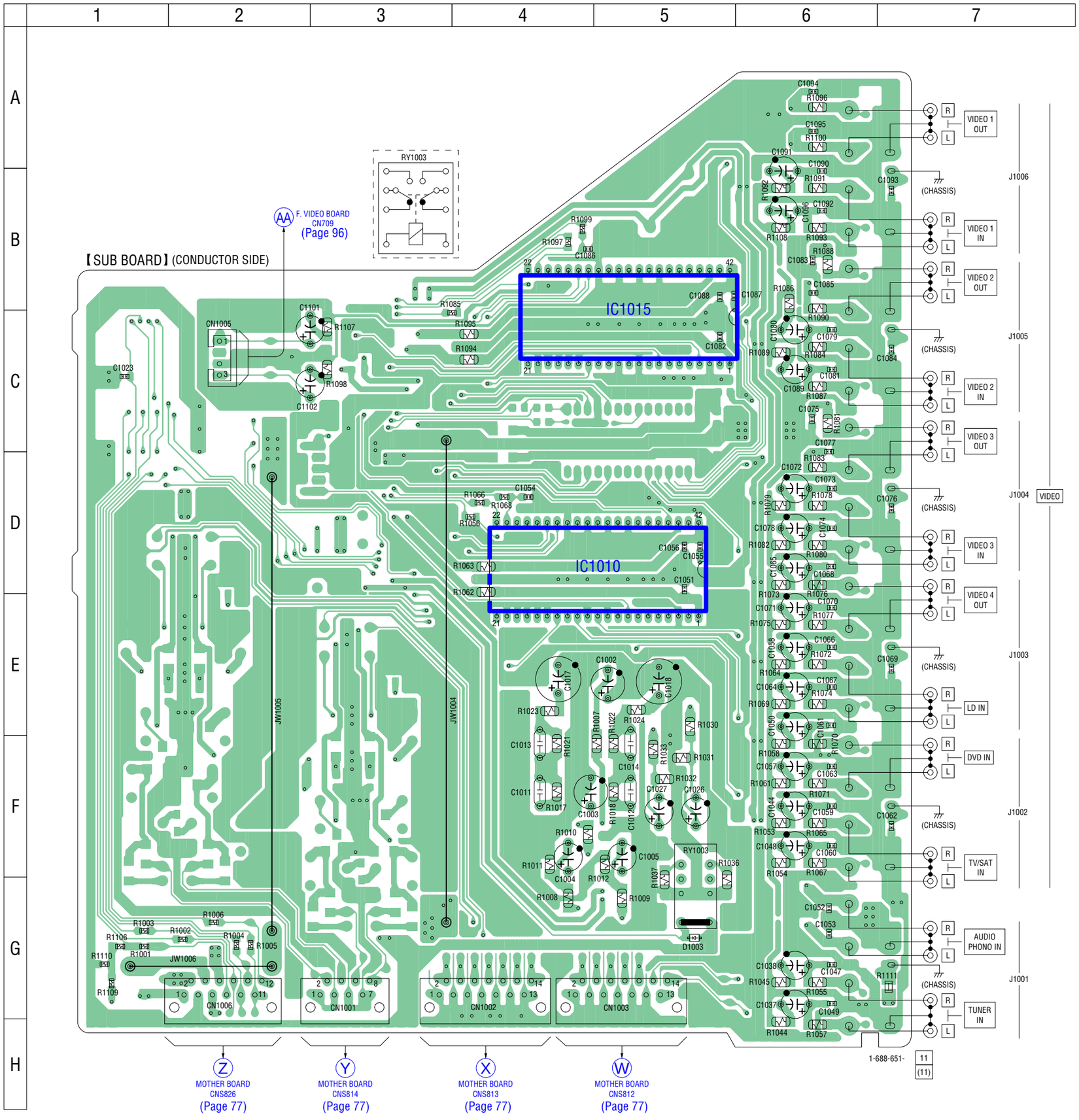
## 6-33. PRINTED WIRING BOARD – SUB Board (Conductor Side) –

• See page 35 for Circuit Boards Location.

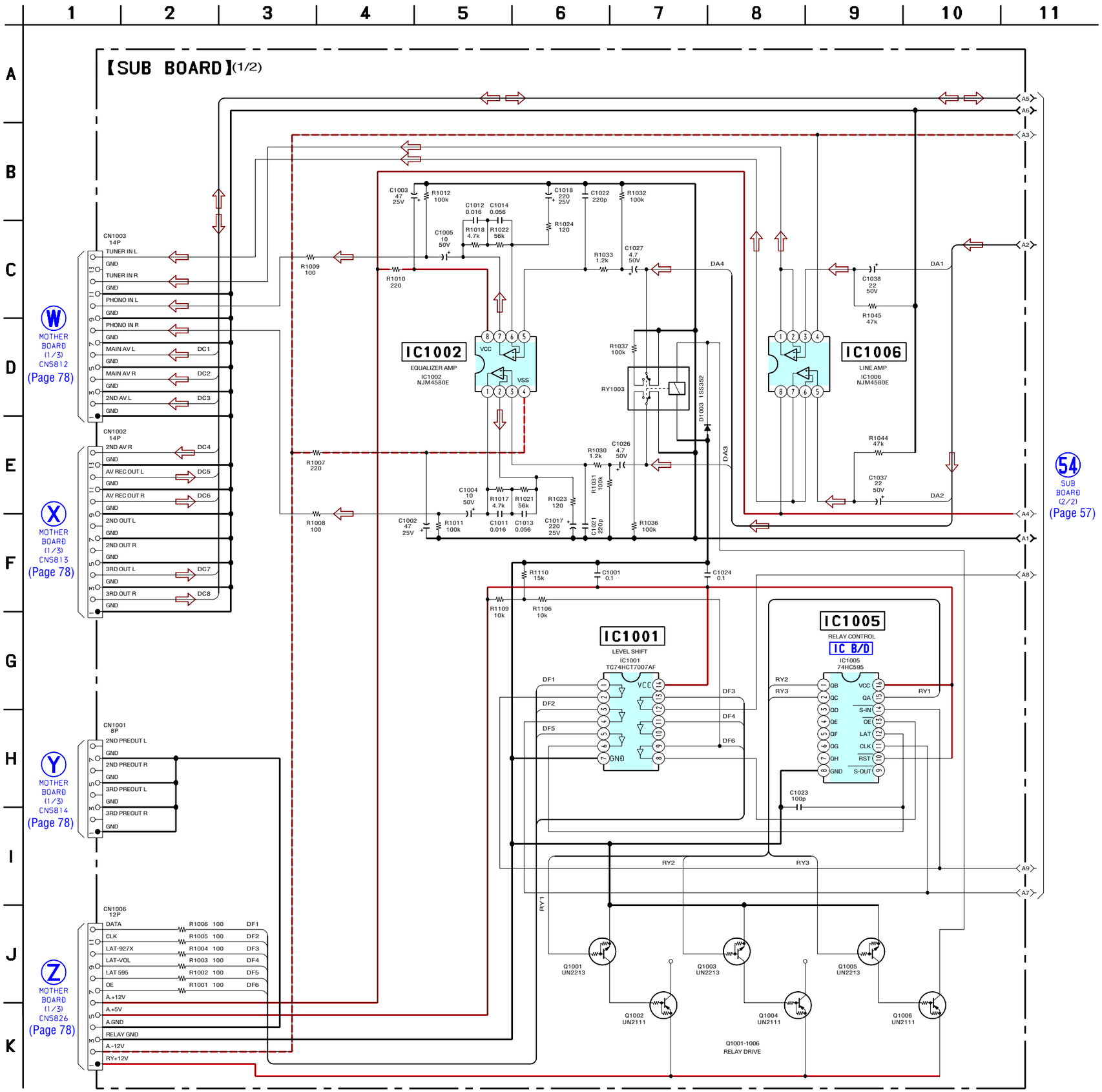
:Uses unleaded solder.

- **Semiconductor Location**

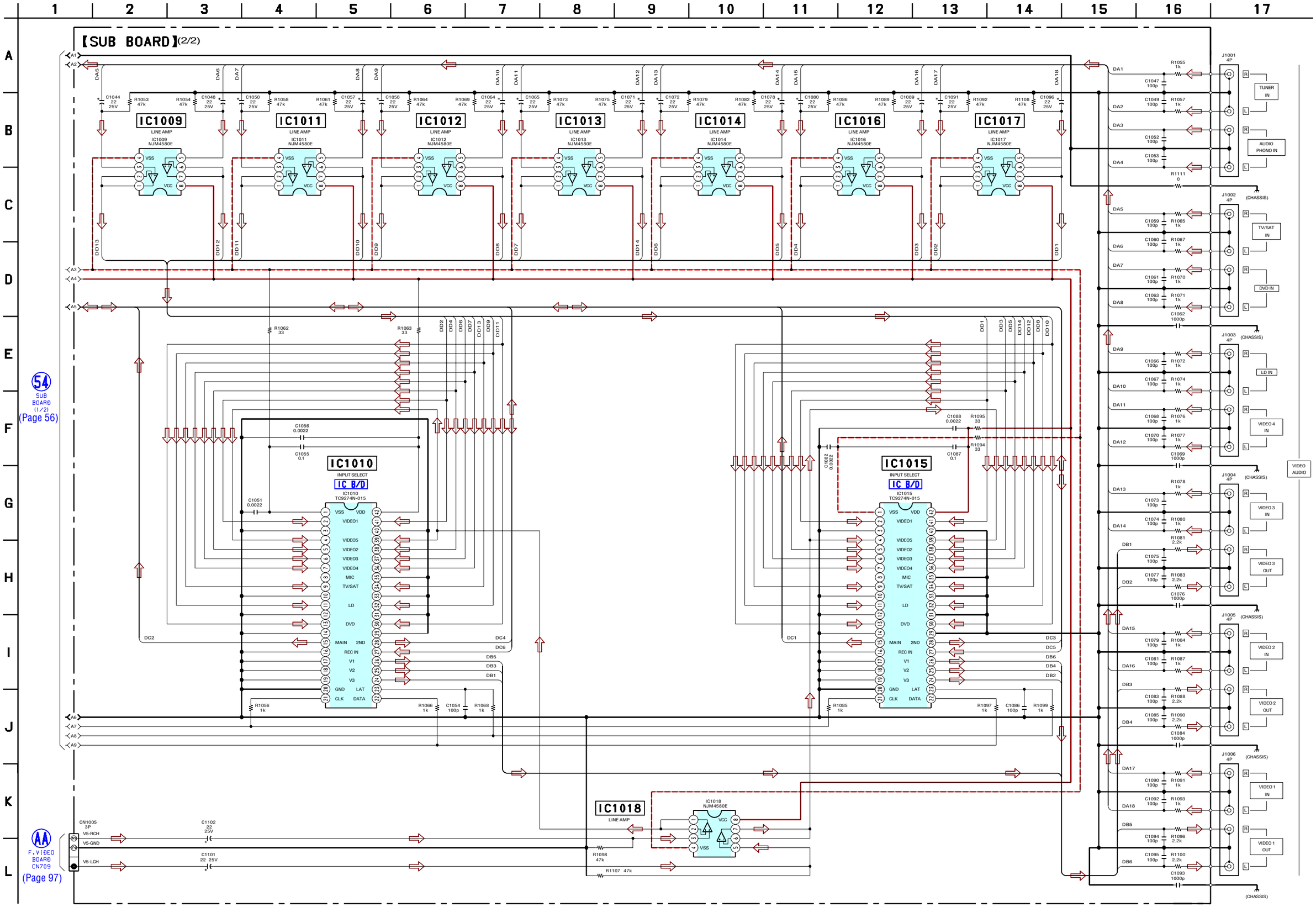
| Ref. No. | Location |
|---|---|
| D1003 | G-5 |
| IC1010 | D-5 |
| IC1015 | C-5 |
| IC1019 | C-5 |



## 6-34. SCHEMATIC DIAGRAM – SUB Board (1/2) –



## 6-35. SCHEMATIC DIAGRAM – SUB Board (2/2) –



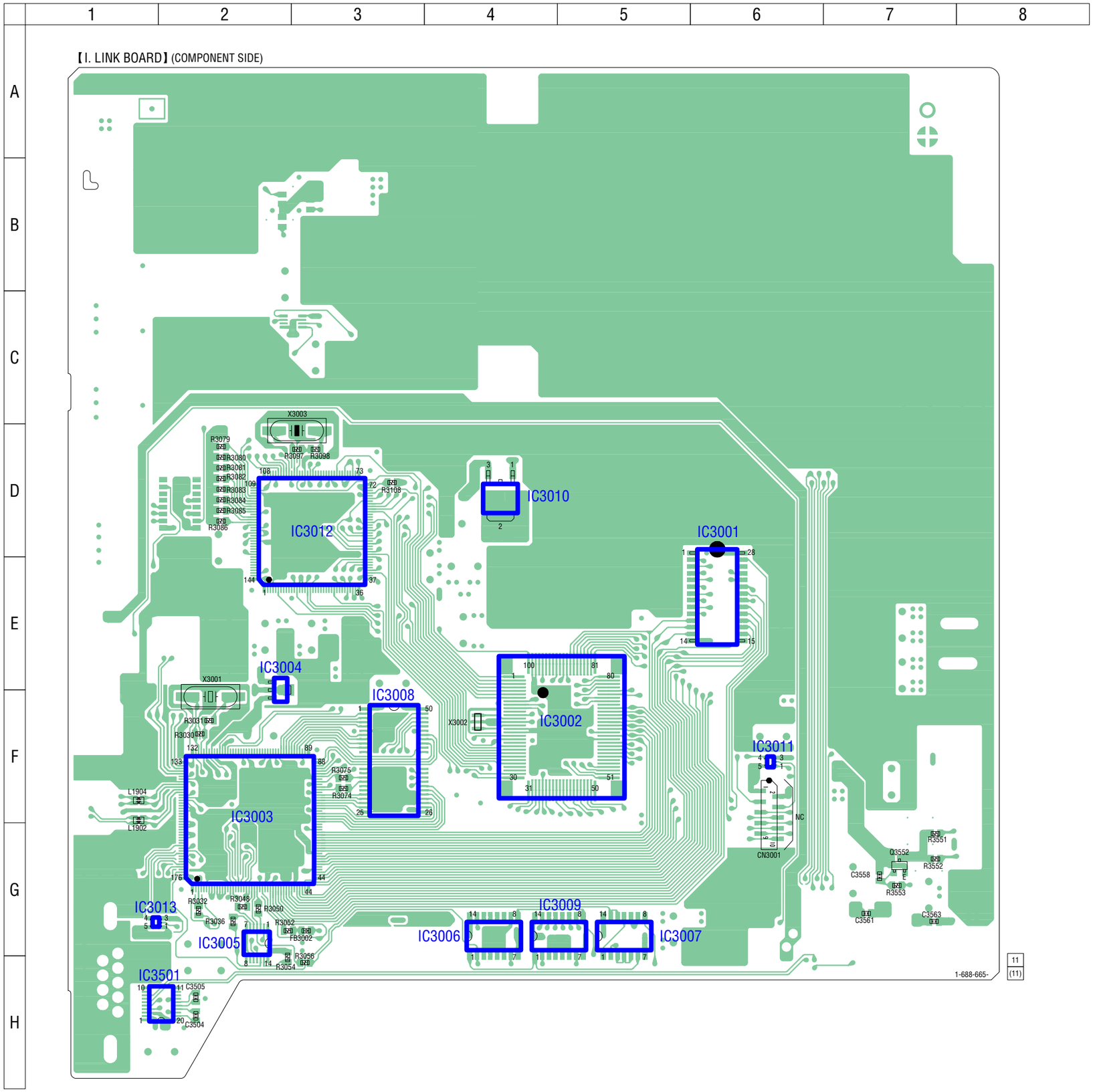
## 6-36. PRINTED WIRING BOARD – I. LINK Board (Component Side) –

• See page 35 for Circuit Boards Location.

:Uses unleaded solder.

• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| IC3001 | E-6 |
| IC3002 | E-5 |
| IC3003 | F-2 |
| IC3004 | E-2 |
| IC3005 | G-2 |
| IC3006 | G-4 |
| IC3007 | G-5 |
| IC3008 | F-3 |
| IC3009 | G-5 |
| IC3010 | D-4 |
| IC3011 | F-6 |
| IC3012 | D-3 |
| IC3013 | G-1 |
| IC3501 | H-2 |
| Q3552 | G-7 |



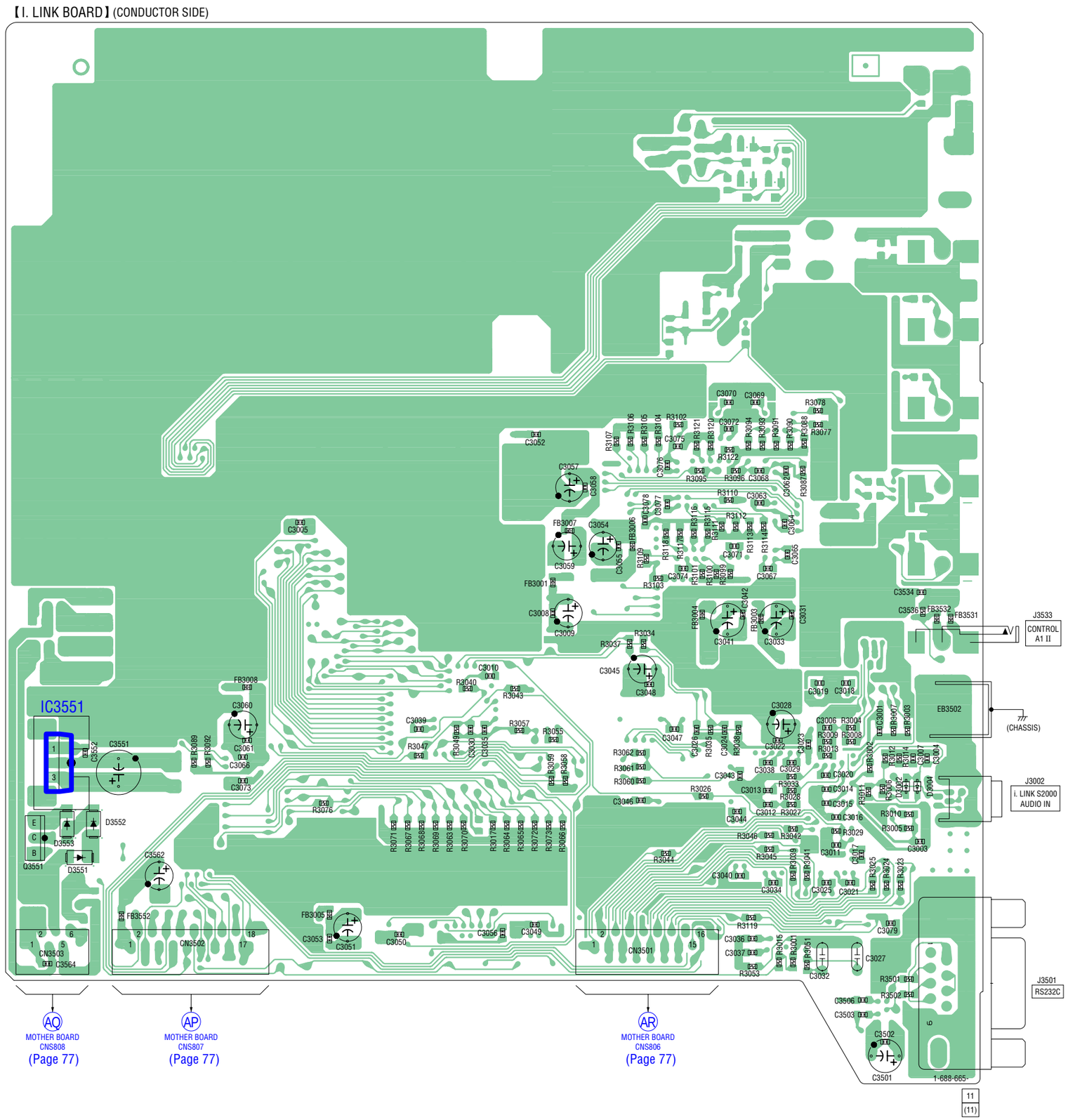

New part of microcomputer (IC3002) and EEPROM (IC3001) on the I. LINK board cannot be used. Therefore, if the mounted I. LINK board (A-4733-835-A) is replaced, exchange new microcomputer and new EEPROM with that used before the replacement.

## 6-37. PRINTED WIRING BOARD – I. LINK Board (Conductor Side) –

• See page 35 for Circuit Boards Location.

:Uses unleaded solder.

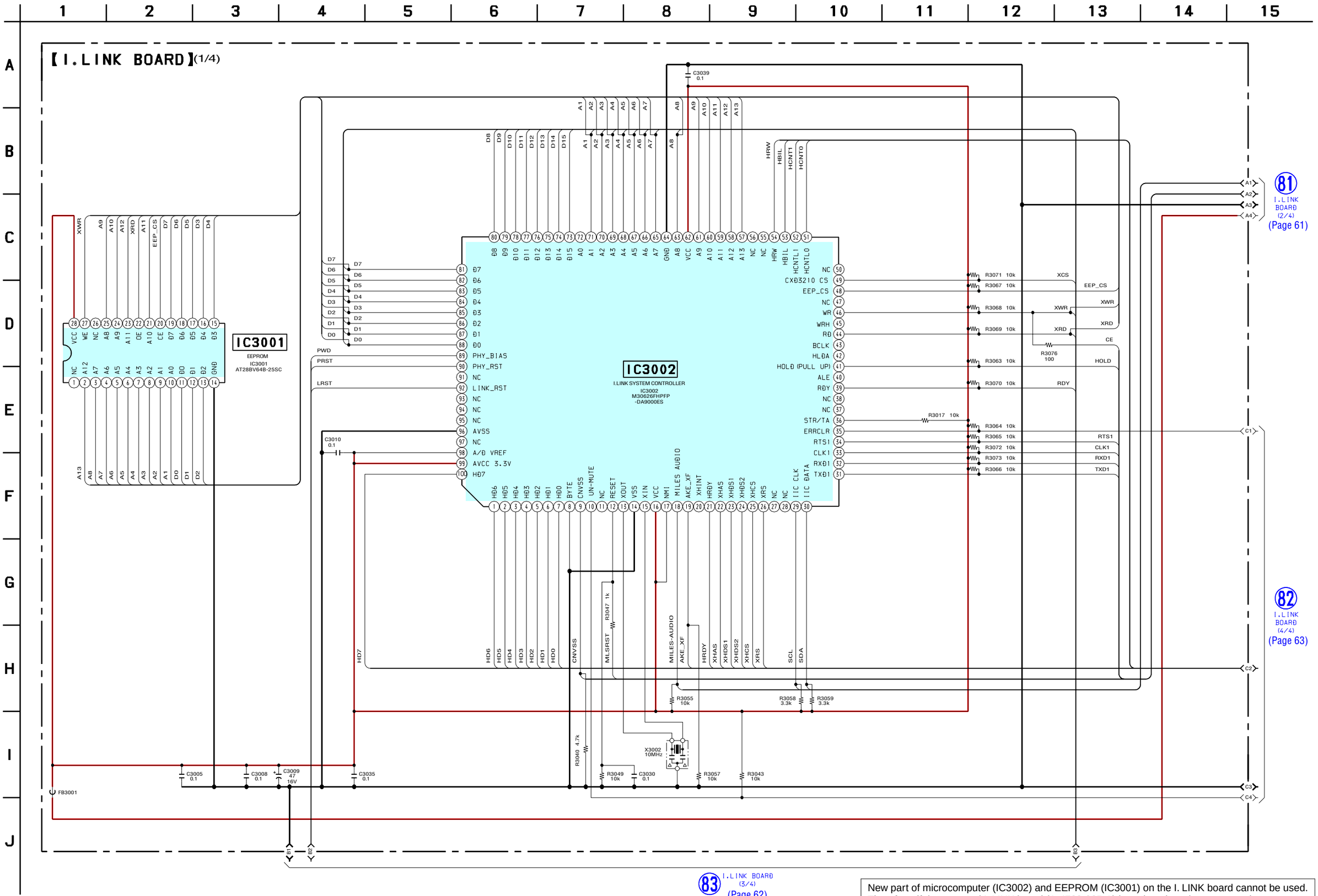
【I. LINK BOARD】(CONDUCTOR SIDE)




• **Semiconductor Location**

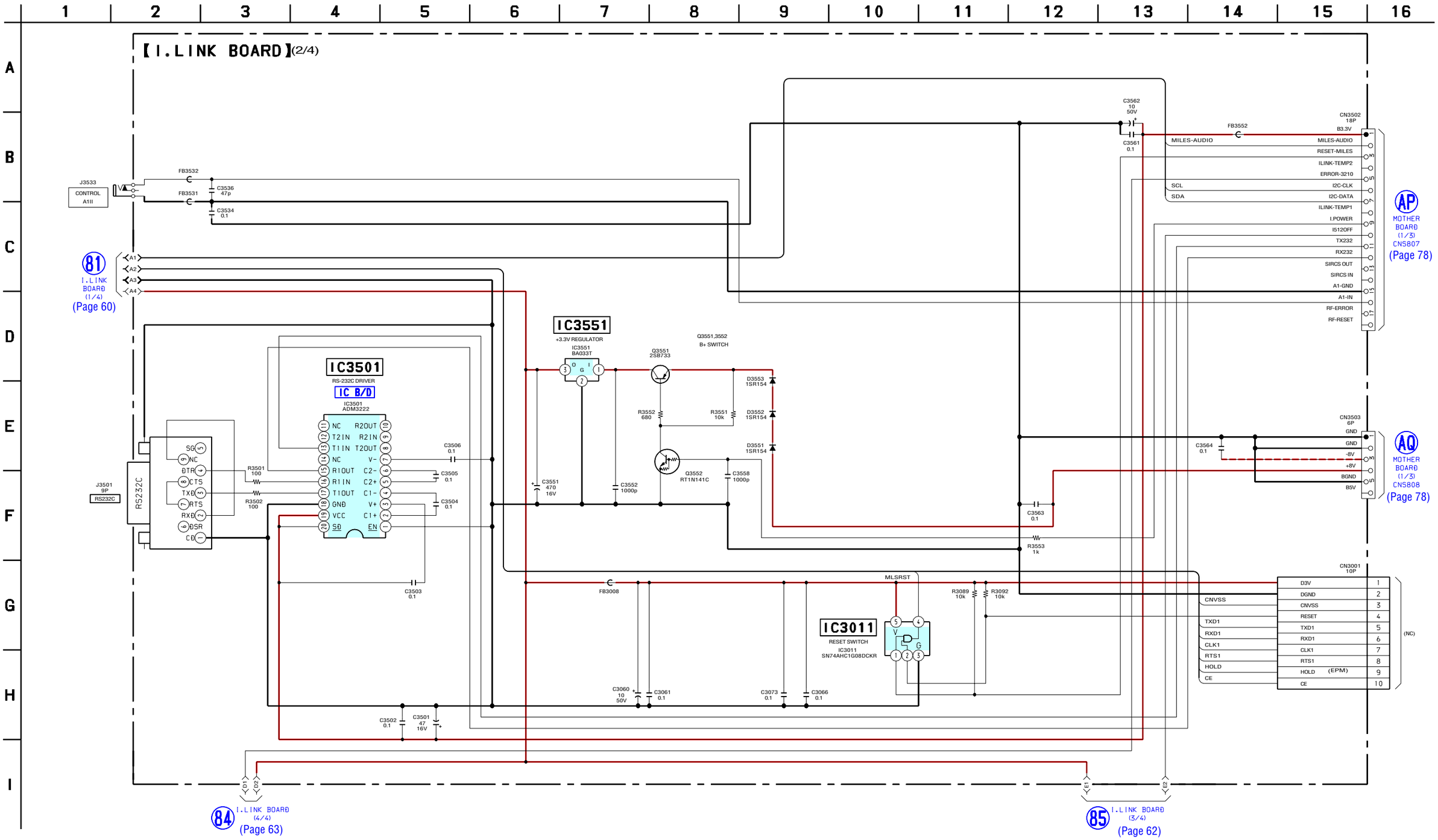
| Ref. No. | Location |
|---|---|
| D3002 | F-7 |
| D3004 | F-7 |
| D3551 | G-1 |
| D3552 | G-1 |
| D3553 | G-1 |
| IC3551 | F-1 |
| Q3551 | G-1 |

## 6-38. SCHEMATIC DIAGRAM – I. LINK Board (1/4) –

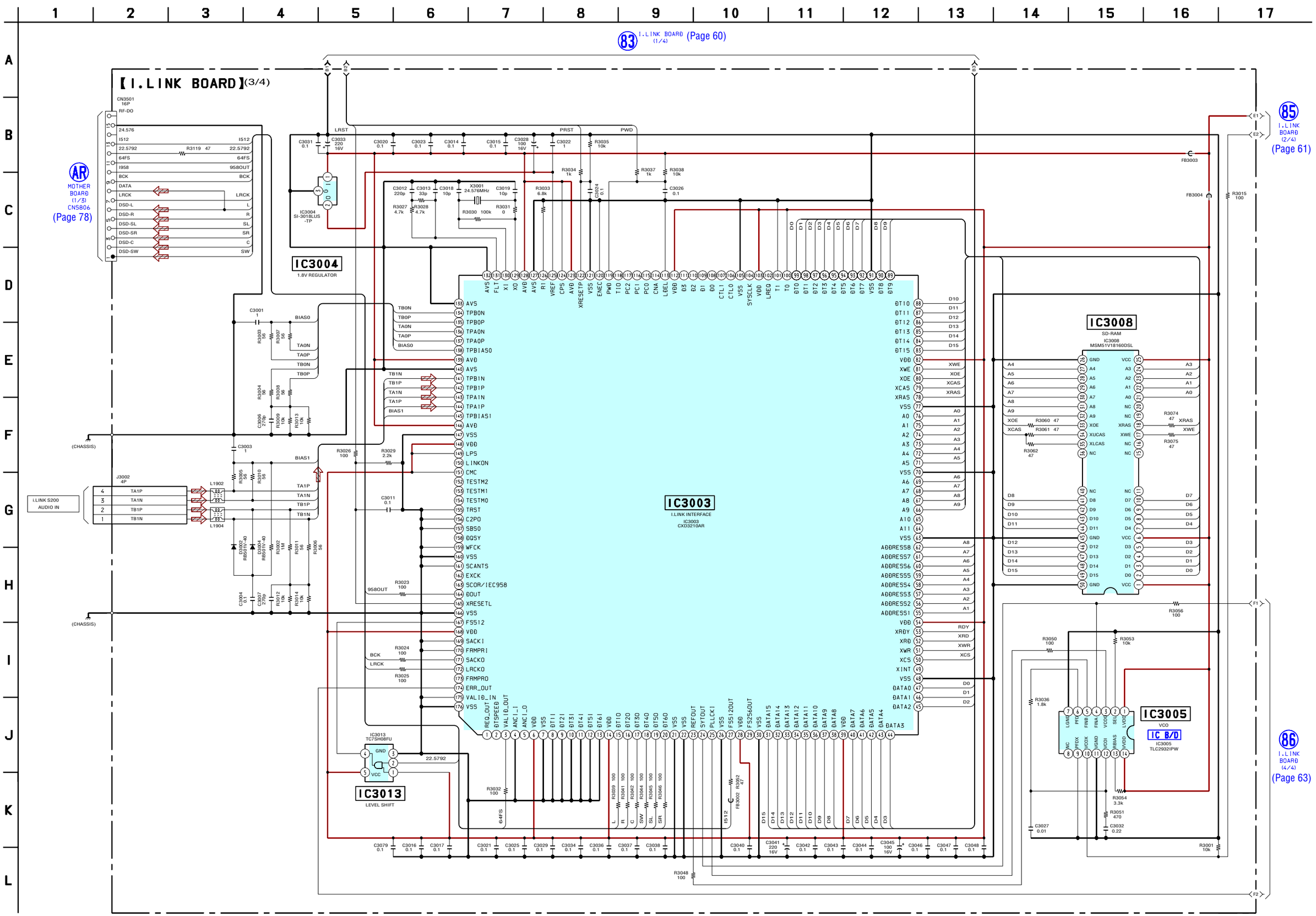



New part of microcomputer (IC3002) and EEPROM (IC3001) on the I. LINK board cannot be used. Therefore, if the mounted I. LINK board (A-4733-835-A) is replaced, exchange new microcomputer and new EEPROM with that used before the replacement.

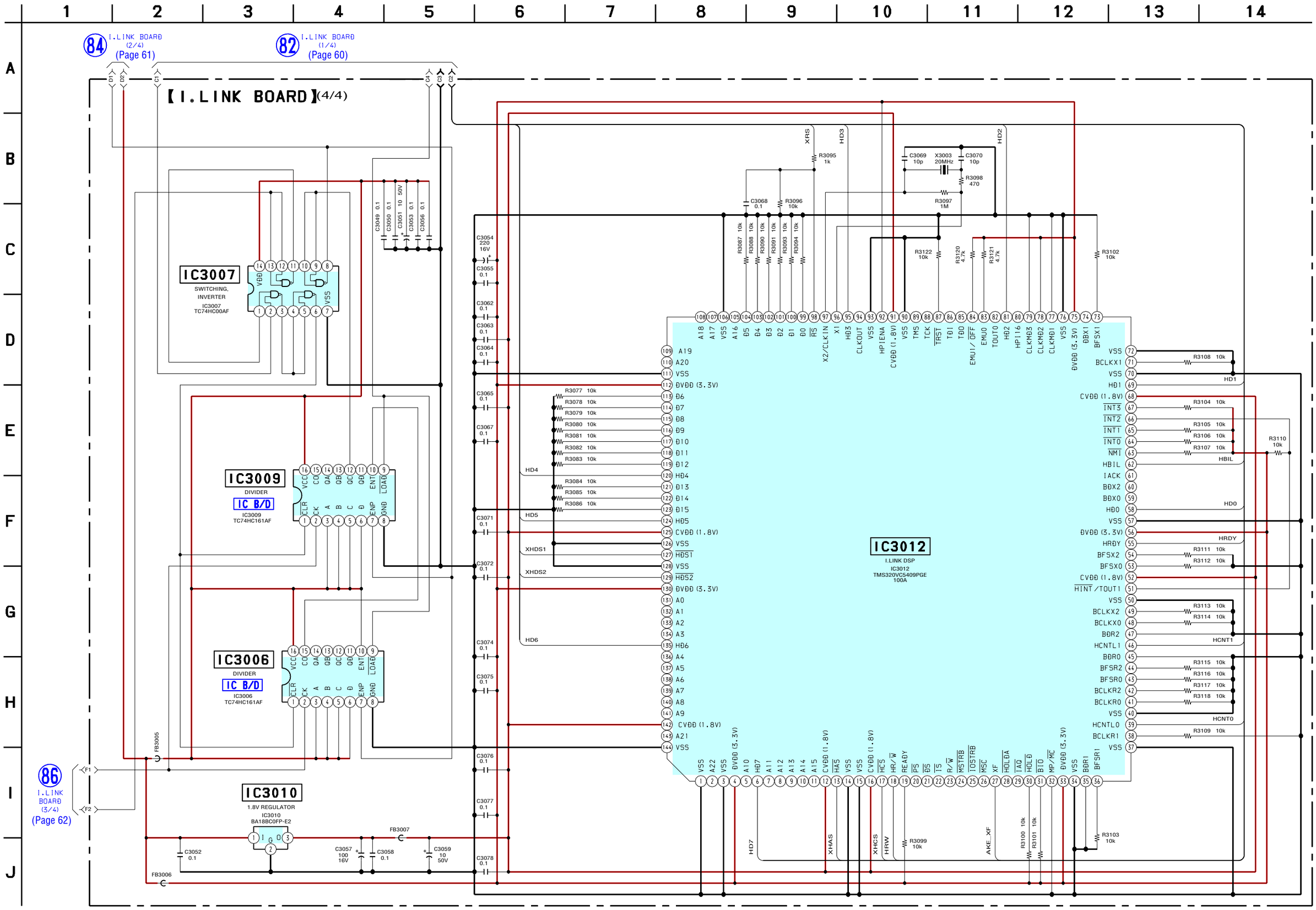
## 6-39. SCHEMATIC DIAGRAM – I. LINK Board (2/4) –



## 6-40. SCHEMATIC DIAGRAM – I. LINK Board (3/4) –



## 6-41. SCHEMATIC DIAGRAM – I. LINK Board (4/4) –



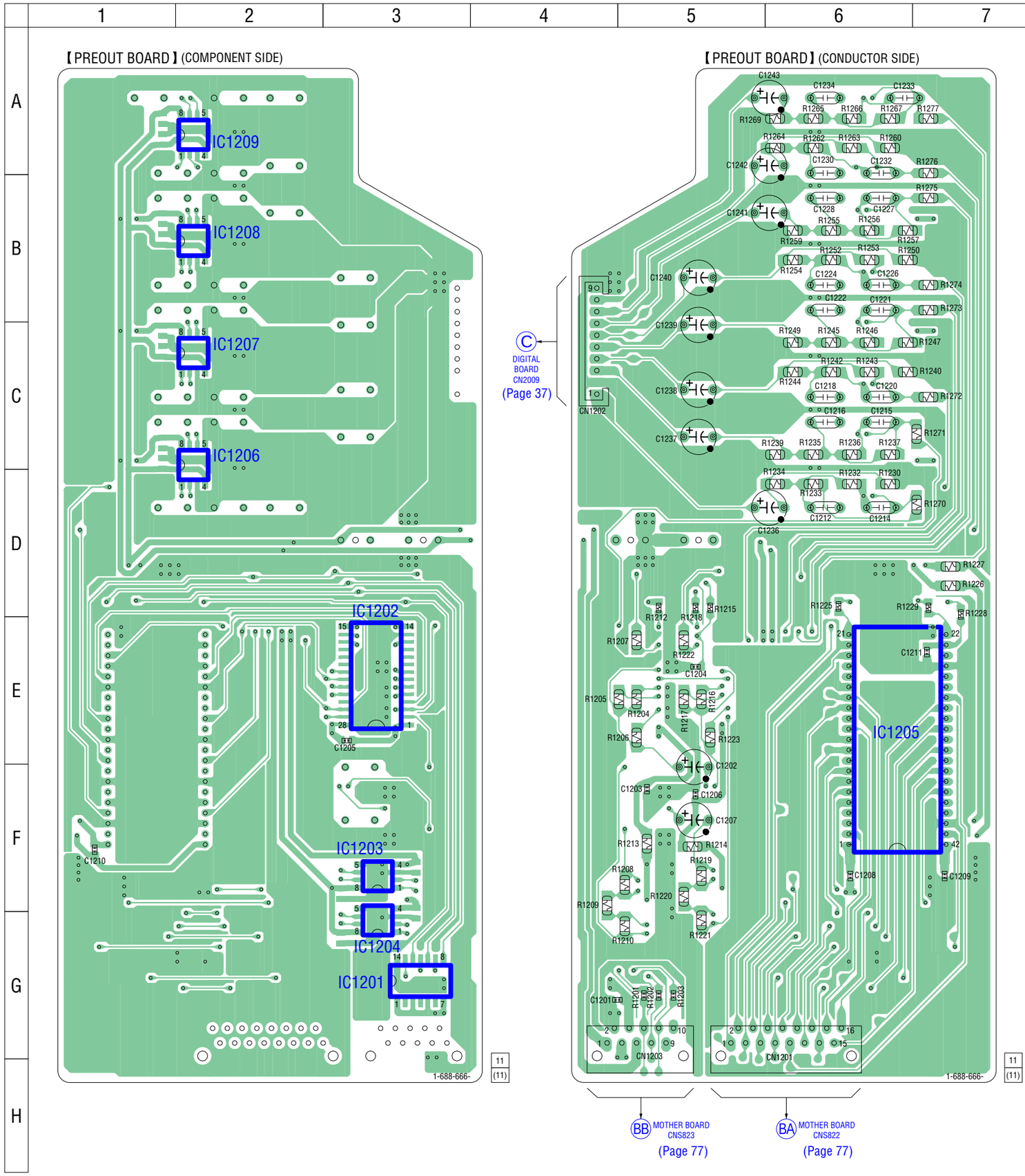
## 6-42. PRINTED WIRING BOARD – PREOUT Board –

• See page 35 for Circuit Boards Location.

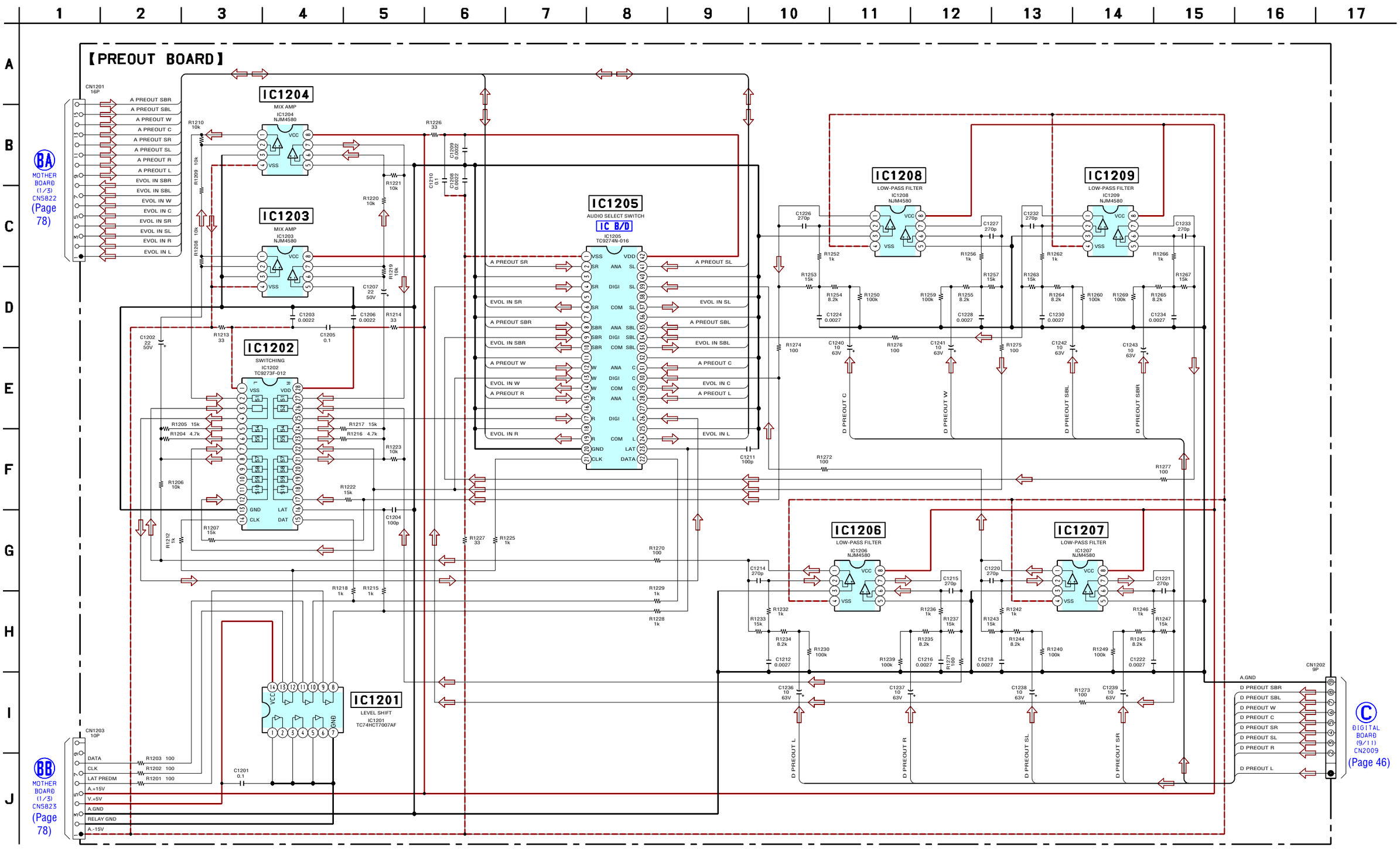
:Uses unleaded solder.

• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| IC1201 | G-3 |
| IC1202 | E-3 |
| IC1203 | F-3 |
| IC1204 | G-3 |
| IC1205 | E-6 |
| IC1206 | C-2 |
| IC1207 | C-2 |
| IC1208 | B-2 |
| IC1209 | A-2 |



## 6-43. SCHEMATIC DIAGRAM – PREOUT Board –



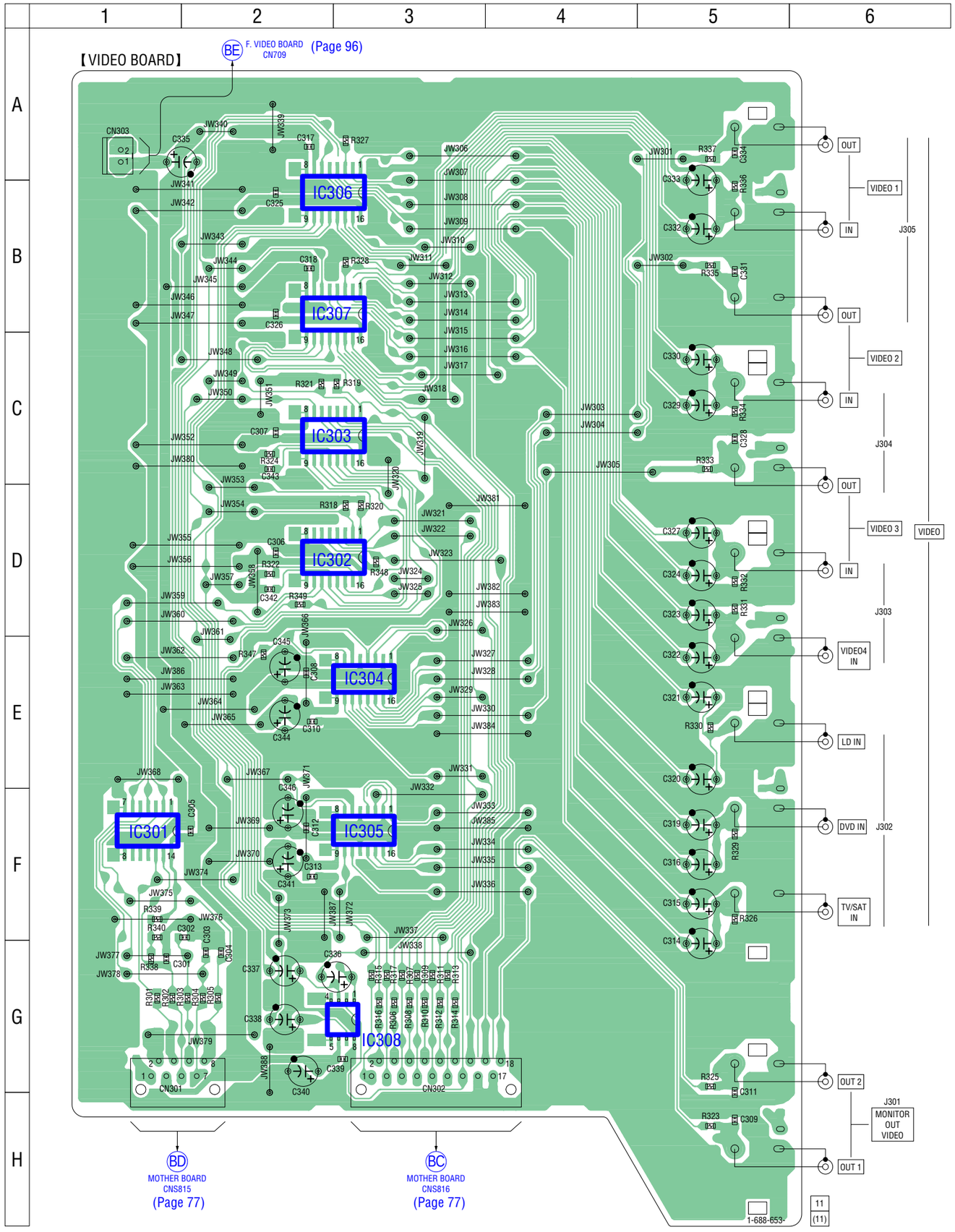
## 6-44. PRINTED WIRING BOARD – VIDEO Board –

• See page 35 for Circuit Boards Location.

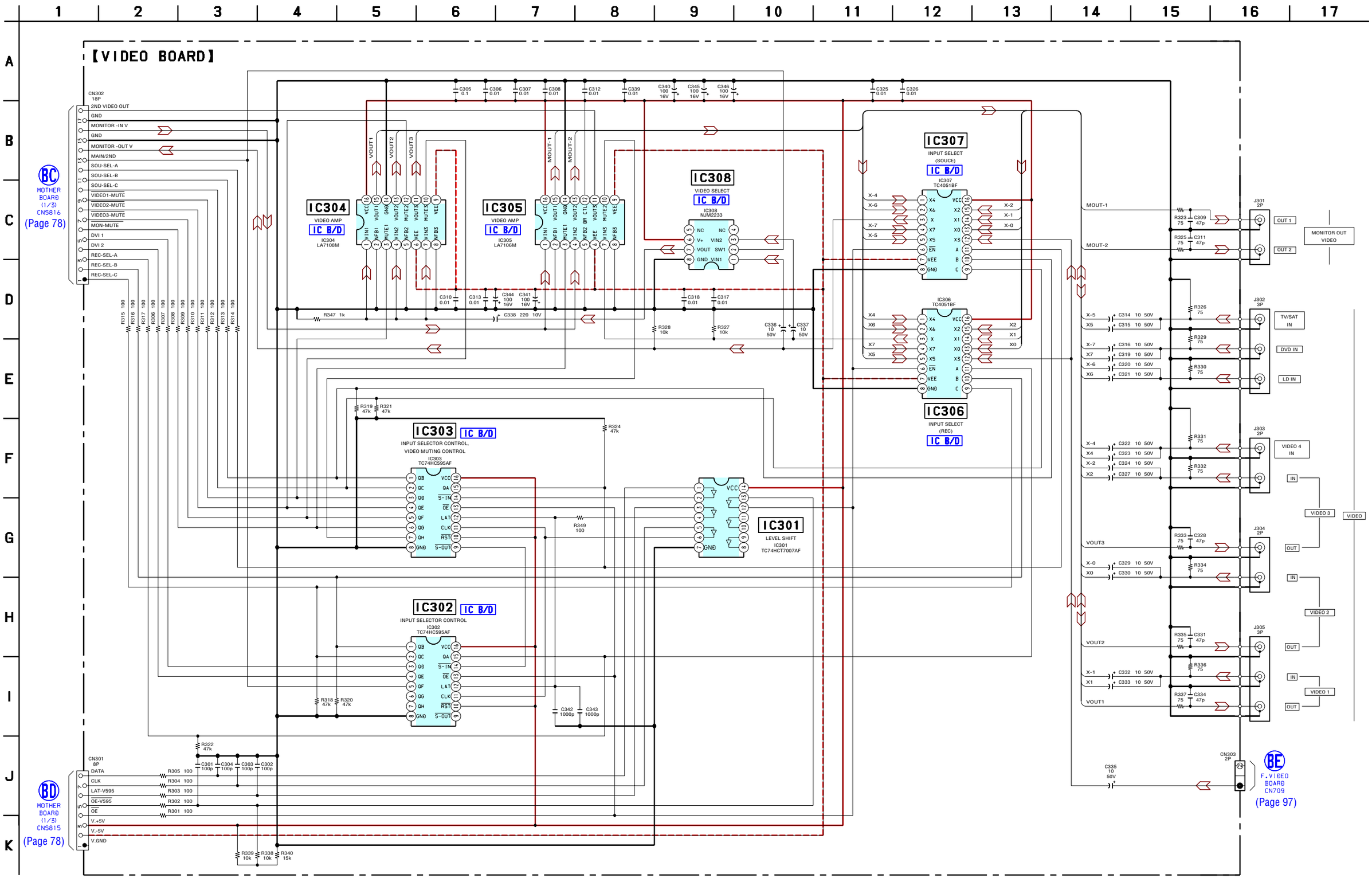
:Uses unleaded solder.

- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| IC301 | F-1 |
| IC302 | D-2 |
| IC303 | C-2 |
| IC304 | E-3 |
| IC305 | F-3 |
| IC306 | B-2 |
| IC307 | B-2 |
| IC308 | G-3 |



## 6-45. SCHEMATIC DIAGRAM – VIDEO Board –



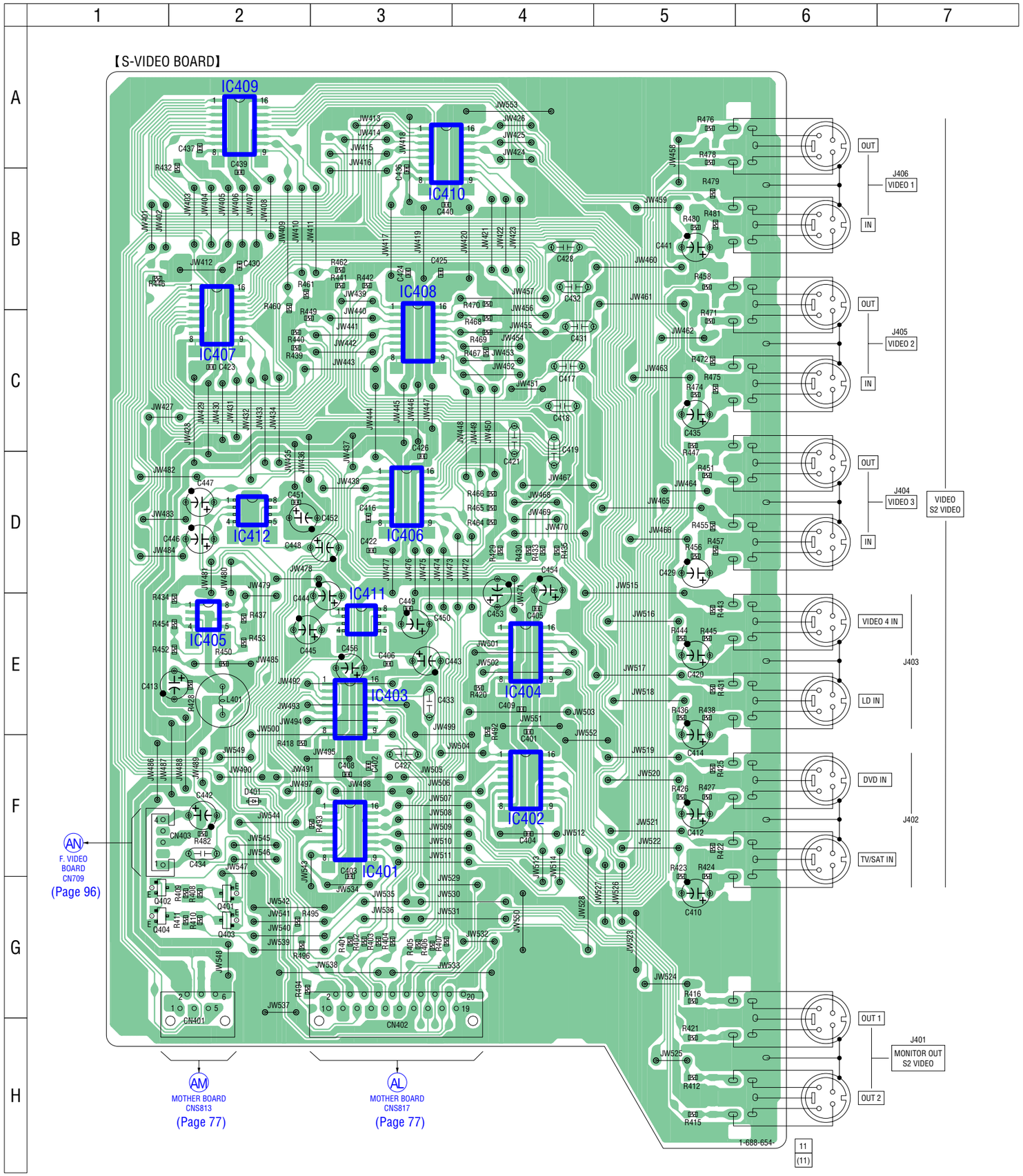
## 6-46. PRINTED WIRING BOARD – S-VIDEO Board –

• See page 35 for Circuit Boards Location.

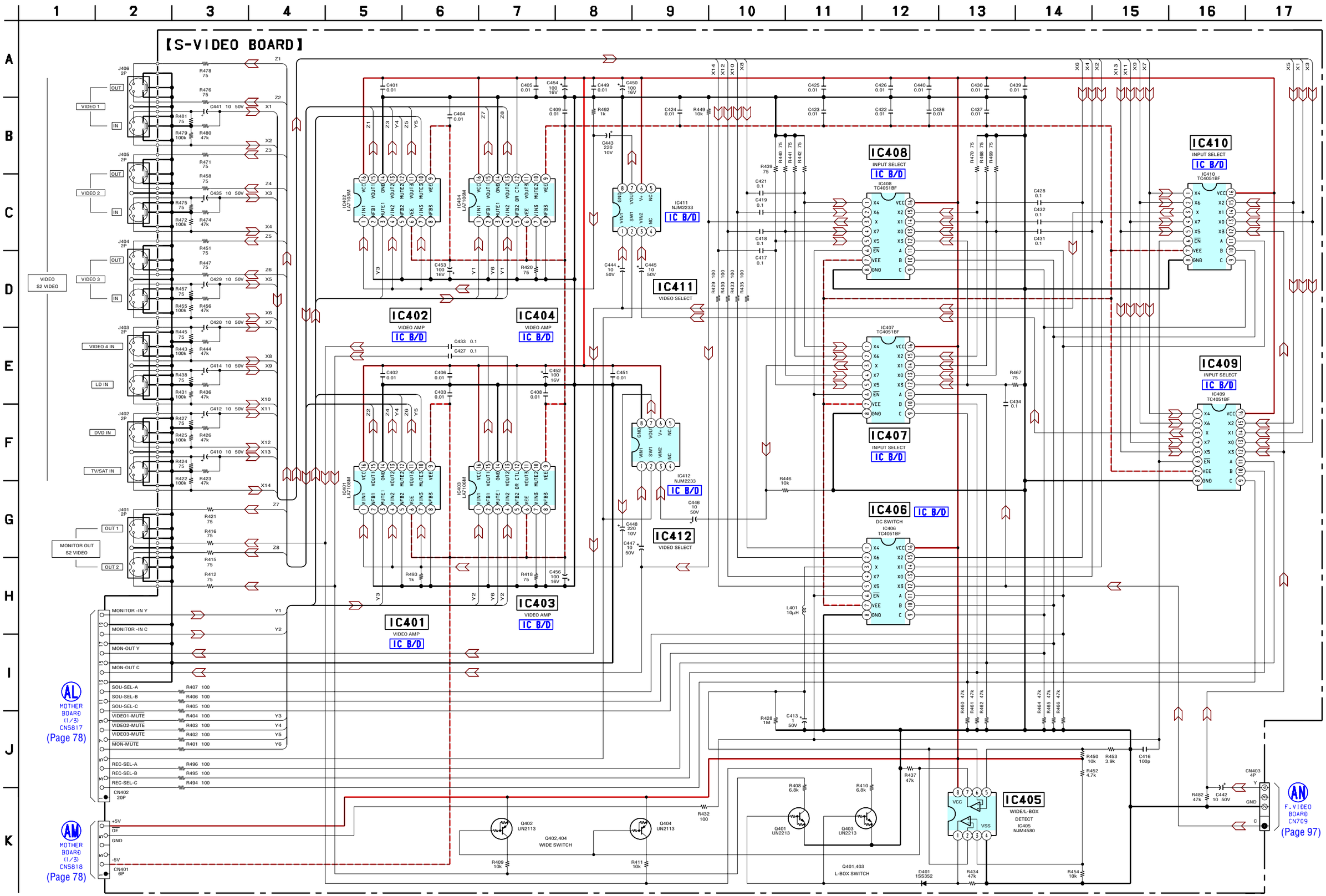
:Uses unleaded solder.

• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D401 | F-2 |
| IC401 | F-3 |
| IC402 | F-4 |
| IC403 | E-3 |
| IC404 | E-4 |
| IC405 | E-2 |
| IC406 | D-3 |
| IC407 | C-2 |
| IC408 | C-3 |
| IC409 | A-2 |
| IC410 | A-3 |
| IC411 | E-3 |
| IC412 | D-2 |
| Q401 | G-2 |
| Q402 | G-1 |
| Q403 | G-2 |
| Q404 | G-1 |



## 6-47. SCHEMATIC DIAGRAM – S-VIDEO Board –



## 6-48. PRINTED WIRING BOARD – COMPONENT Section (Component Side) –

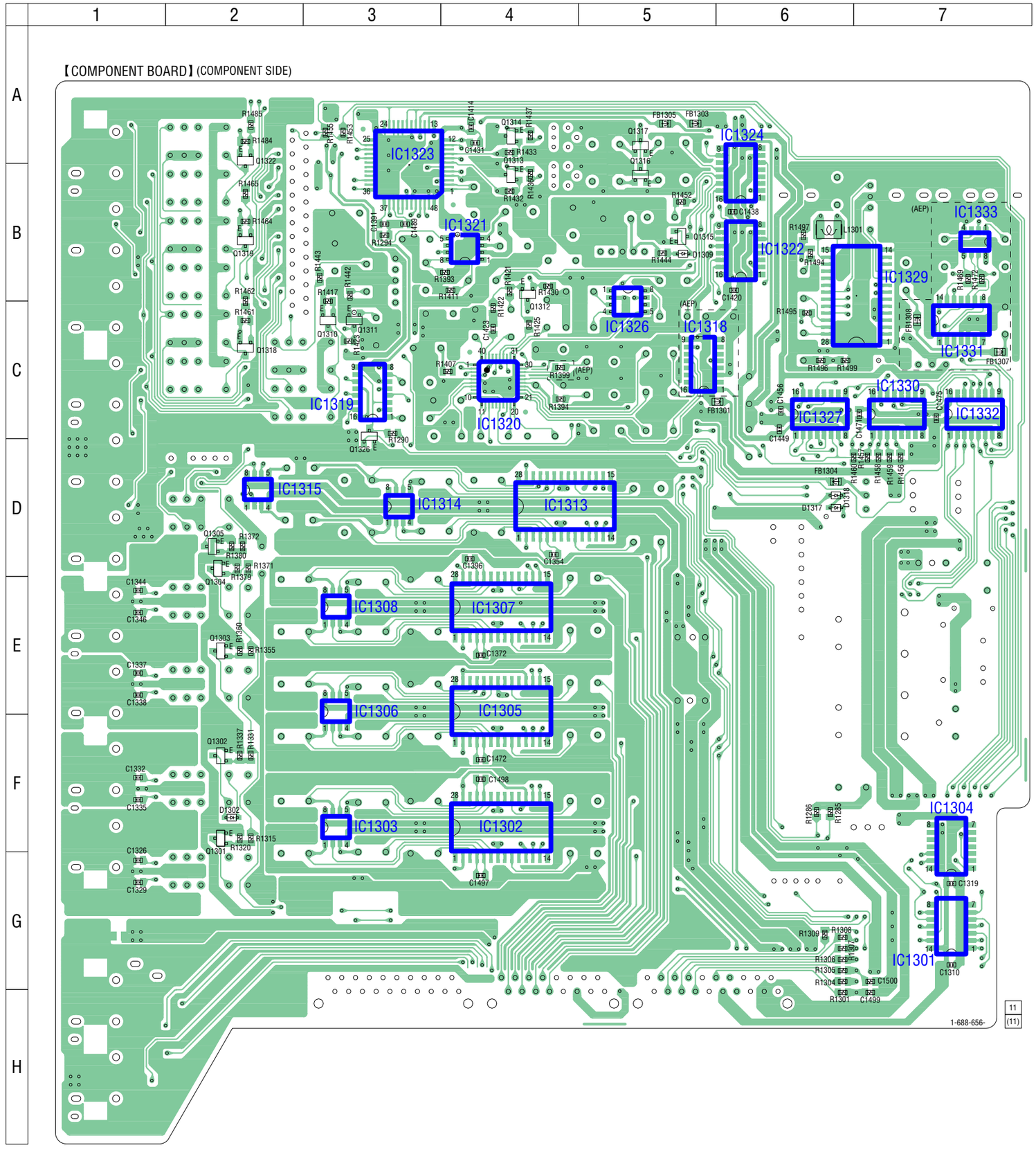
• See page 35 for Circuit Boards Location.

:Uses unleaded solder.

• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D1302 | F-2 |
| D1309 | B-5 |
| D1317 | D-6 |
| D1318 | D-6 |
| IC1301 | G-7 |
| IC1302 | F-4 |
| IC1303 | F-3 |
| IC1304 | F-7 |
| IC1305 | E-4 |
| IC1306 | E-3 |
| IC1307 | E-4 |
| IC1308 | E-3 |
| IC1313 | D-4 |
| IC1314 | D-3 |
| IC1315 | D-2 |
| IC1318 | C-5 |
| IC1319 | C-3 |
| IC1320 | C-4 |
| IC1321 | B-4 |
| IC1322 | B-6 |
| IC1323 | B-3 |
| IC1324 | B-6 |
| IC1326 | C-5 |
| IC1327 | C-6 |
| IC1329 | B-7 |
| IC1330 | C-7 |
| IC1331 | C-7 |
| IC1332 | C-7 |
| IC1333 | B-7 |
| Q1301 | F-2 |
| Q1302 | F-2 |
| Q1303 | E-2 |
| Q1304 | D-2 |
| Q1305 | D-2 |
| Q1310 | C-3 |
| Q1311 | C-3 |
| Q1312 | B-4 |
| Q1313 | B-4 |
| Q1314 | A-4 |
| Q1315 | B-5 |
| Q1316 | B-5 |
| Q1317 | A-5 |
| Q1318 | C-2 |
| Q1319 | B-2 |
| Q1322 | A-2 |
| Q1326 | C-3 |

【COMPONENT BOARD】(COMPONENT SIDE)

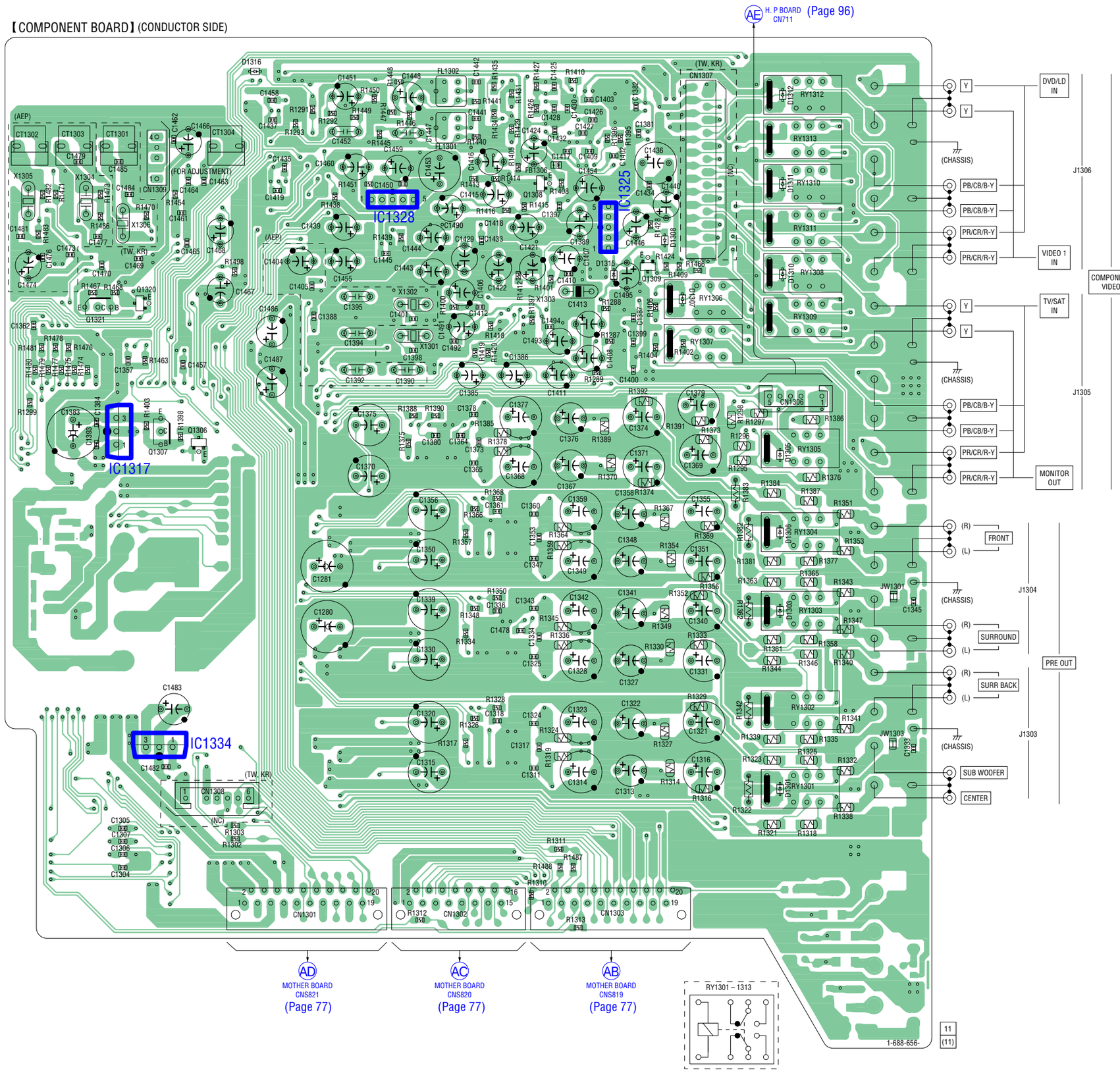


## 6-49. PRINTED WIRING BOARD – COMPONENT Section (Conductor Side) –

• See page 35 for Circuit Boards Location.

:Uses unleaded solder.

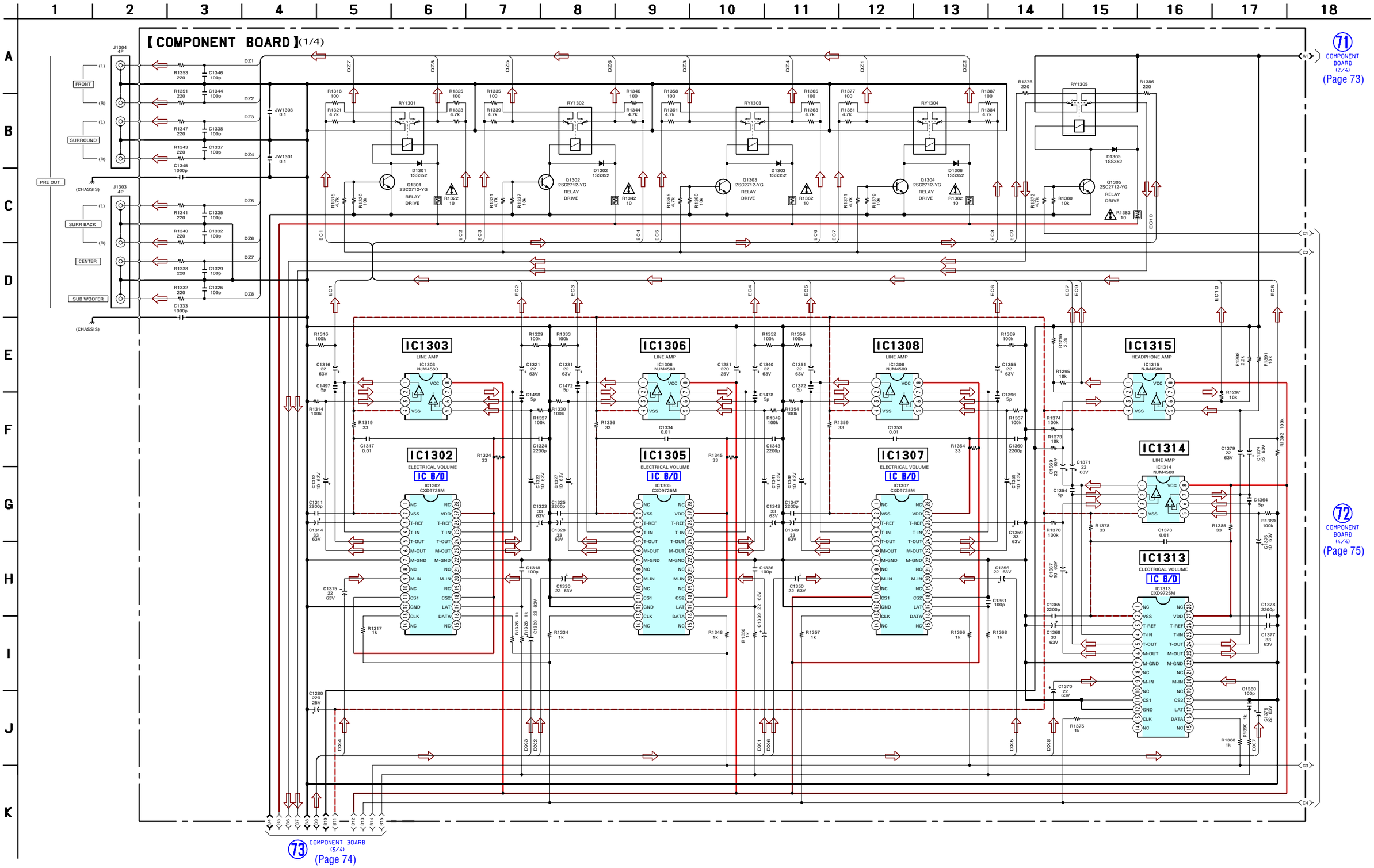
【COMPONENT BOARD】(CONDUCTOR SIDE)




- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D1301 | G-8 |
| D1303 | E-8 |
| D1305 | D-8 |
| D1306 | E-8 |
| D1307 | C-7 |
| D1308 | B-7 |
| D1310 | C-8 |
| D1311 | B-8 |
| D1312 | A-8 |
| D1315 | C-7 |
| D1316 | A-4 |
| IC1317 | D-3 |
| IC1325 | B-7 |
| IC1328 | B-5 |
| IC1334 | F-3 |
| Q1306 | D-4 |
| Q1307 | D-3 |
| Q1308 | B-6 |
| Q1309 | C-7 |
| Q1320 | C-3 |
| Q1321 | C-3 |

## 6-50. SCHEMATIC DIAGRAM – COMPONENT Section (1/4) –



【COMPONENT BOARD】(2/4)

71 COMPONENT BOARD (1/4) (Page 72)

74 COMPONENT BOARD (3/4) (Page 74)

75 COMPONENT BOARD (4/4) (Page 75)

RY1306 RY1307 RY1308 RY1309 RY1310 RY1311 RY1312 RY1313

D1307 1SS352 D1310 1SS352 D1311 1SS352 D1312 1SS352

Q1318 2SC2712 RELAY DRIVE

Q1319 2SC2712 RELAY DRIVE

Q1322 2SC2712 RELAY DRIVE

Q1310 2SC2712 RELAY DRIVE

Q1326 DTC144EKA MUTING

Q1309 DTC144EKA INVERTER

Q1311 DTC144EKA INVERTER

Q1315 DTC144EKA INVERTER

Q1312 2SA1162 BUFFER

IC1319 LA7106M IC B/D

IC1319 VIDEO AMP

IC1320 CXA2199 CHROMA DECODER IC B/D

IC1325 SYNC DETECT IC B/D IC1325 LA7213

IC1326 NJM2268 VIDEO AMP IC B/D

IC1328 LA7213 SYNC DETECT IC B/D

J1305 6P

J1306 6P

CN1307 27P

TV/SAT IN

MONITOR OUT

DVD/LD IN

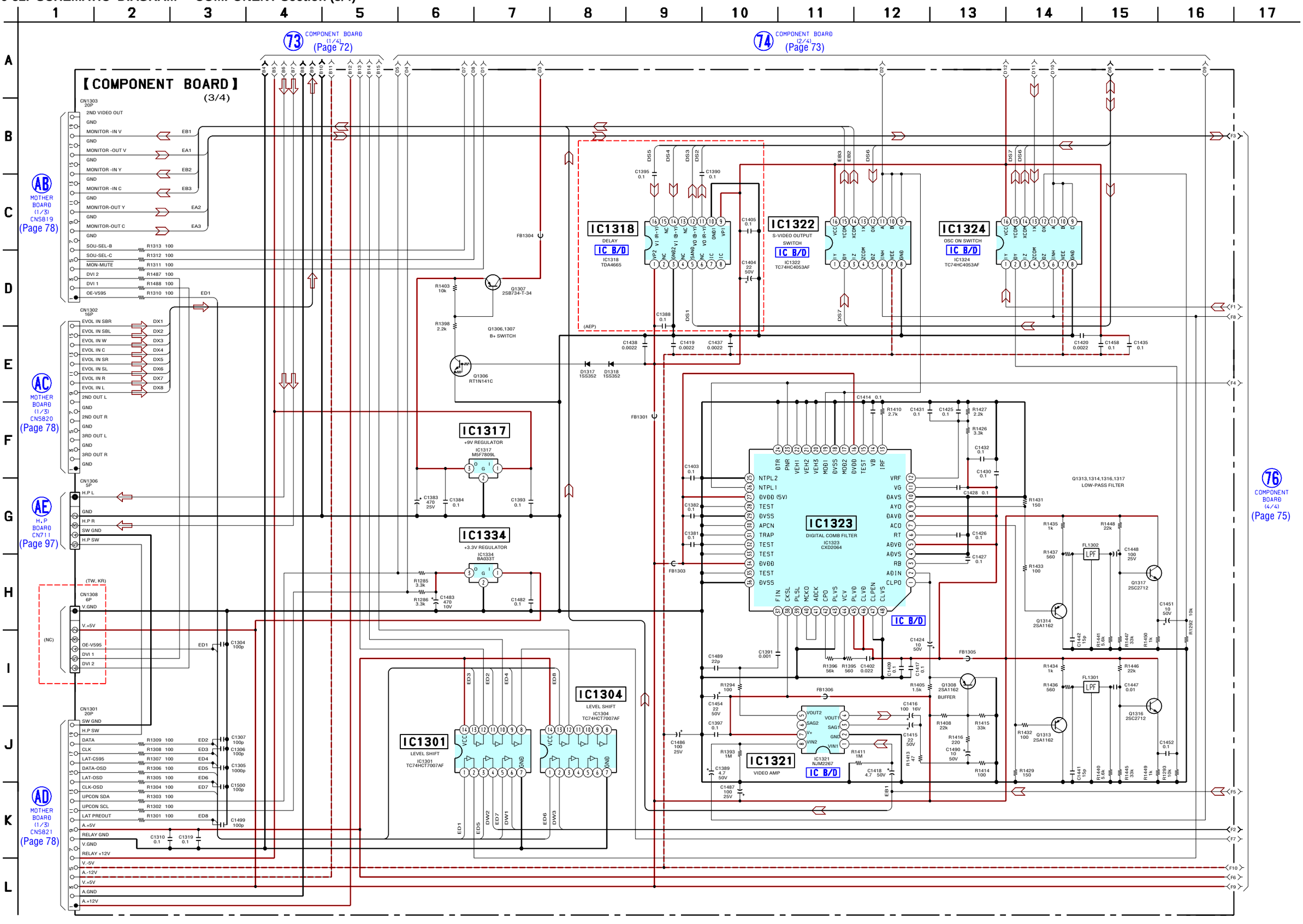
VIDEO 1 IN

COMPONENT VIDEO

(CHASSIS)

(TW,KR)

## 6-52. SCHEMATIC DIAGRAM – COMPONENT Section (3/4) –



【COMPONENT BOARD】(4/4)

75 COMPONENT BOARD (2/4) (Page 73)

72 COMPONENT BOARD (1/4) (Page 72)

76 COMPONENT BOARD (3/4) (Page 74)

CT1301-1304 OSD

IC1329 OSD DRIVER IC B/D
IC1329 MB90089PF-G-238 -BND

IC1327 OSD ON SWITCH IC B/D
IC1327 TC74HC4053AF

IC1330 DATA DECODER IC B/D
IC1330 TC74HC595AF

IC1331 CLOCK SELECT
IC1331 TC74HC00AF

IC1332 DATA DECODER IC B/D
IC1332 TC74HC595AF

IC1333 CLOCK OSC
IC1333 TC7WU04F

(AEP)

Q1320 RT1N141C

Q1320,1321 B+ SWITCH

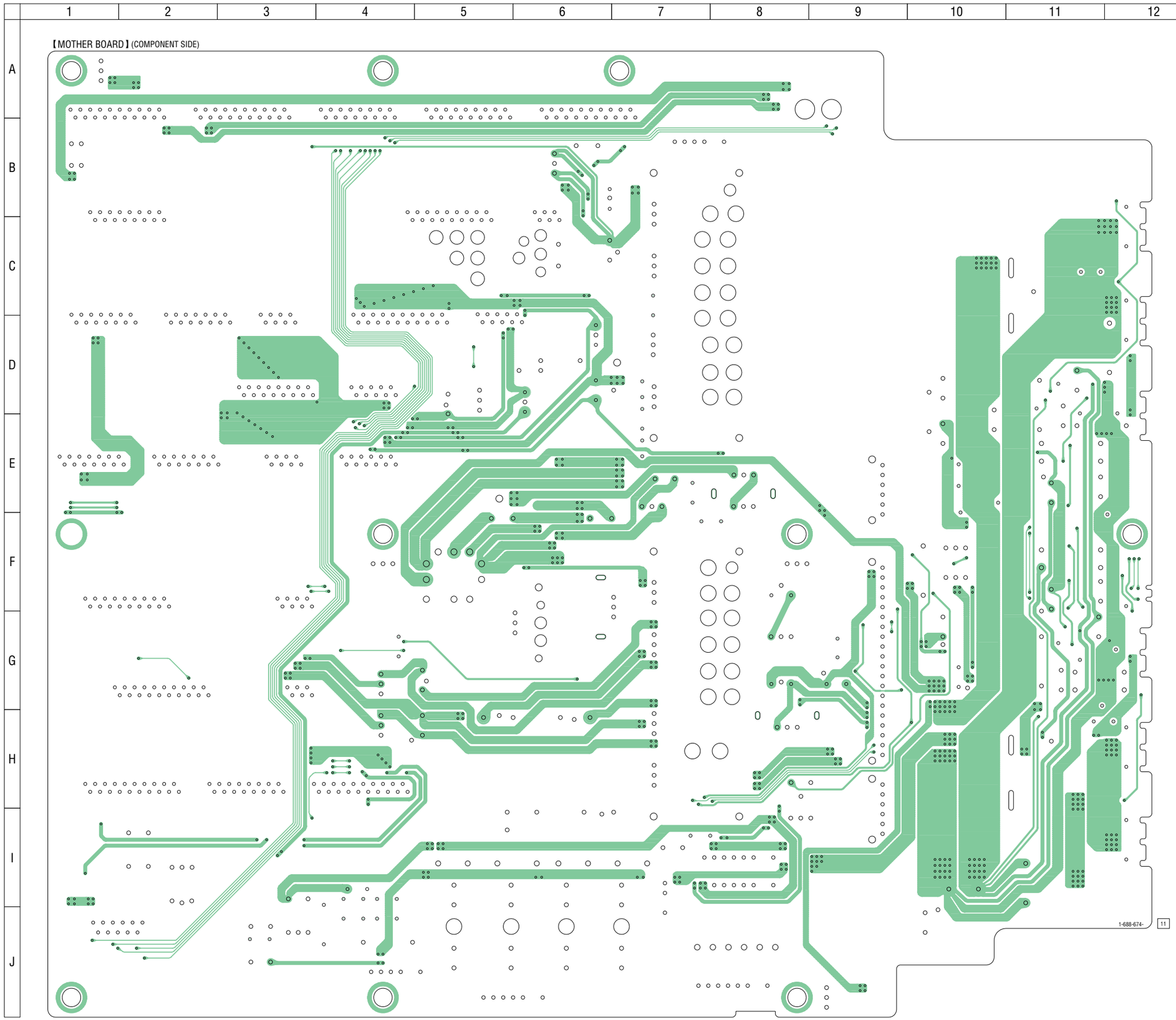
Q1321 2SB734-T-34

CN1309 4P (FOR ADJUSTMENT)

## 6-54. PRINTED WIRING BOARD – MOTHER Board (Component Side) –

• See page 35 for Circuit Boards Location.

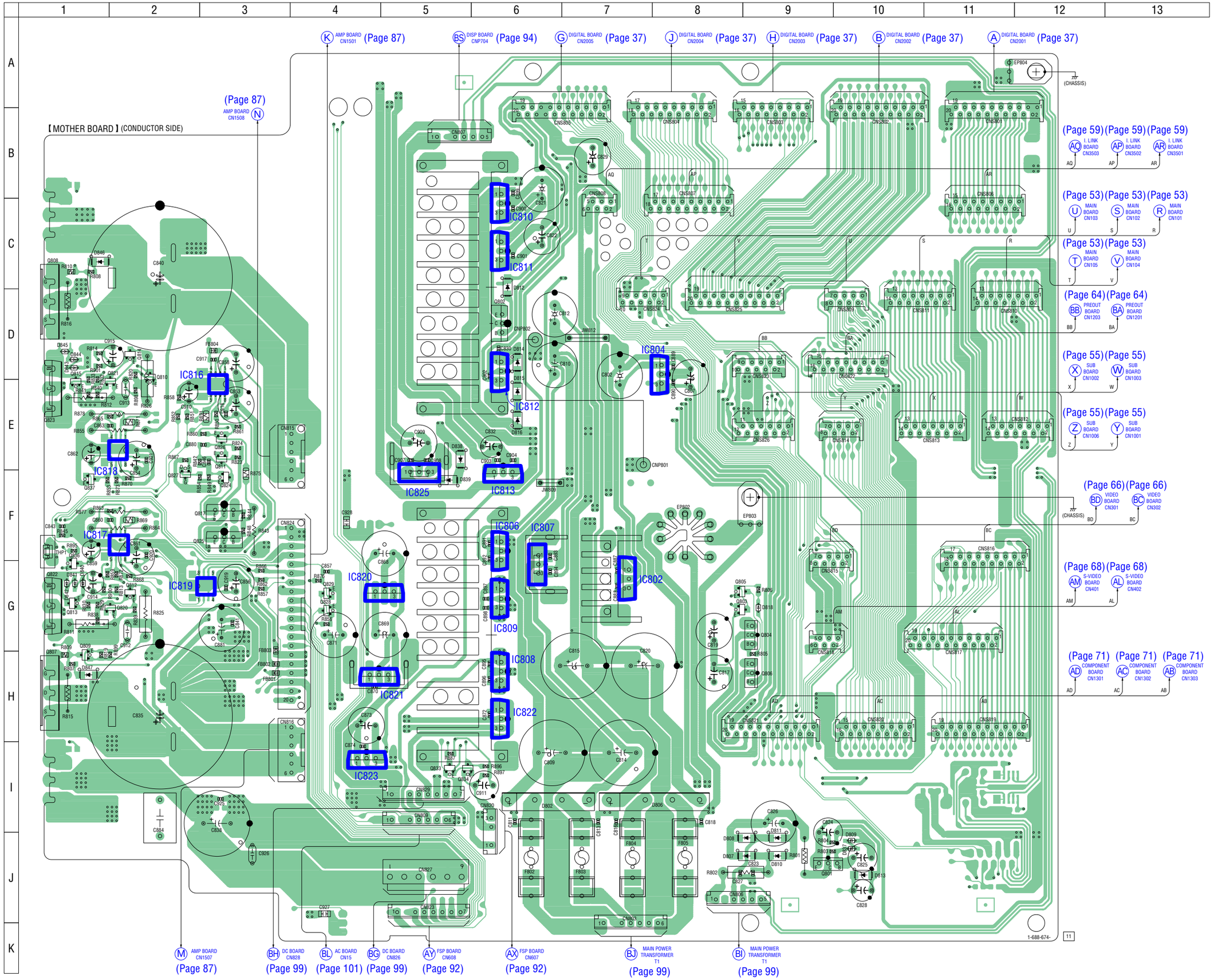
:Uses unleaded solder.



## 6-55. PRINTED WIRING BOARD – MOTHER Board (Conductor Side) –

• See page 35 for Circuit Boards Location.

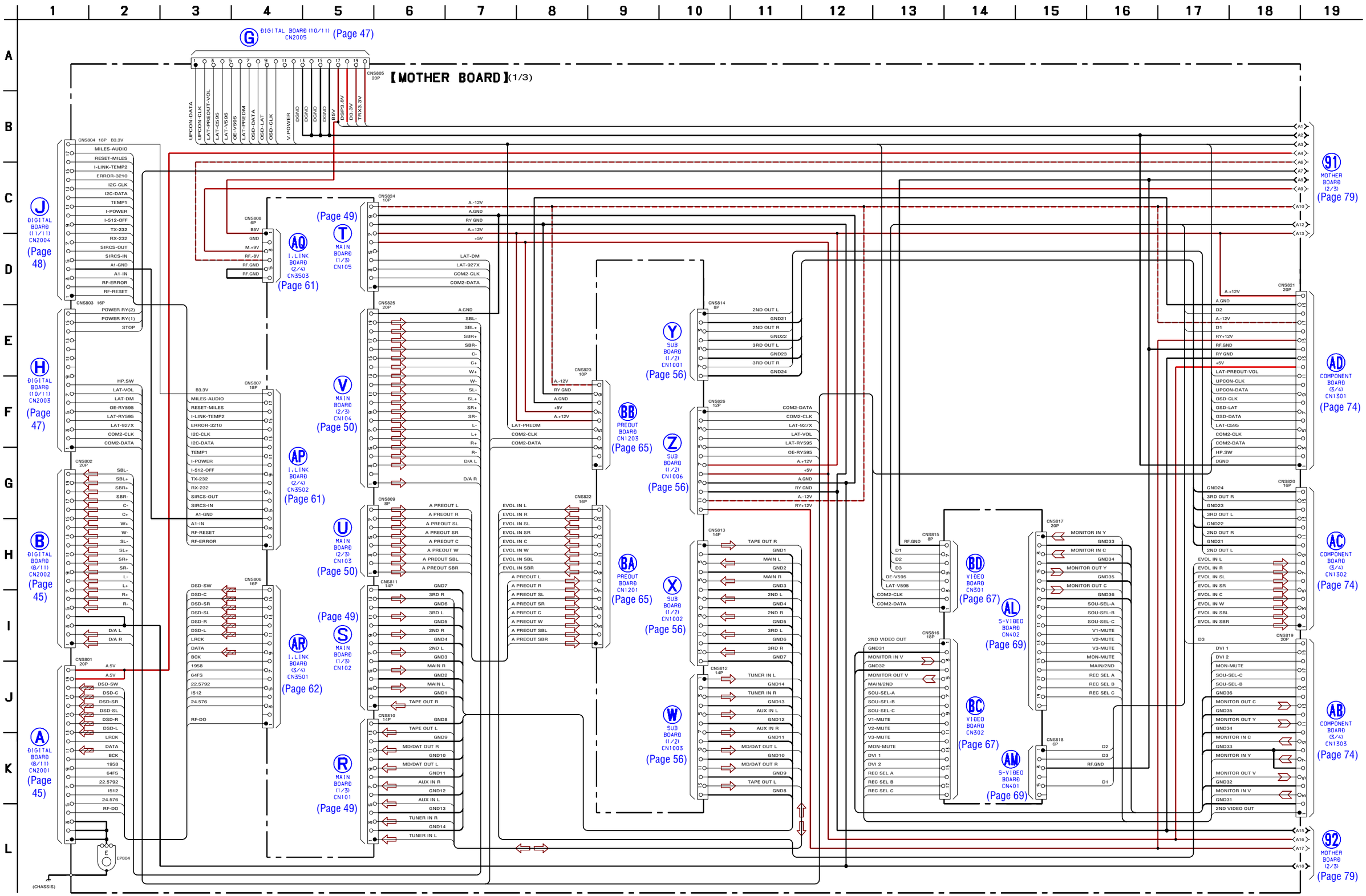
:Uses unleaded solder.


【MOTHER BOARD】(CONDUCTOR SIDE)
K AMP BOARD CN1501 (Page 87)
BS DISP BOARD CNP704 (Page 94)
G DIGITAL BOARD CN2005 (Page 37)
J DIGITAL BOARD CN2004 (Page 37)
H DIGITAL BOARD CN2003 (Page 37)
B DIGITAL BOARD CN2002 (Page 37)
A DIGITAL BOARD CN2001 (Page 37)
(Page 87) AMP BOARD CN1508 N
(Page 59) AQ I. LINK BOARD CN3503
(Page 59) AP I. LINK BOARD CN3502
(Page 59) AR I. LINK BOARD CN3501
(Page 53) U MAIN BOARD CN103
(Page 53) S MAIN BOARD CN102
(Page 53) R MAIN BOARD CN101
(Page 53) T MAIN BOARD CN105
(Page 53) V MAIN BOARD CN104
(Page 64) BB PREOUT BOARD CN1203
(Page 64) BA PREOUT BOARD CN1201
(Page 55) X SUB BOARD CN1002
(Page 55) W SUB BOARD CN1003
(Page 55) Z SUB BOARD CN1006
(Page 55) Y SUB BOARD CN1001
(Page 66) BD VIDEO BOARD CN301
(Page 66) BC VIDEO BOARD CN302
(Page 68) AM S-VIDEO BOARD CN401
(Page 68) AL S-VIDEO BOARD CN402
(Page 71) AD COMPONENT BOARD CN1301
(Page 71) AC COMPONENT BOARD CN1302
(Page 71) AB COMPONENT BOARD CN1303
M AMP BOARD CN1507 (Page 87)
BH DC BOARD CN828 (Page 99)
BL AC BOARD CN15 (Page 101)
BG DC BOARD CN826 (Page 99)
AY FSP BOARD CN608 (Page 92)
AX FSP BOARD CN607 (Page 92)
BJ MAIN POWER TRANSFORMER T1 (Page 99)
BI MAIN POWER TRANSFORMER T1 (Page 99)
IC802
IC804
IC806
IC807
IC808
IC809
IC810
IC811
IC812
IC813
IC816
IC817
IC818
IC819
IC820
IC821
IC822
IC823
IC825
CNP801
EP802
EP803
EP804
(CHASSIS)
1-688-674-11

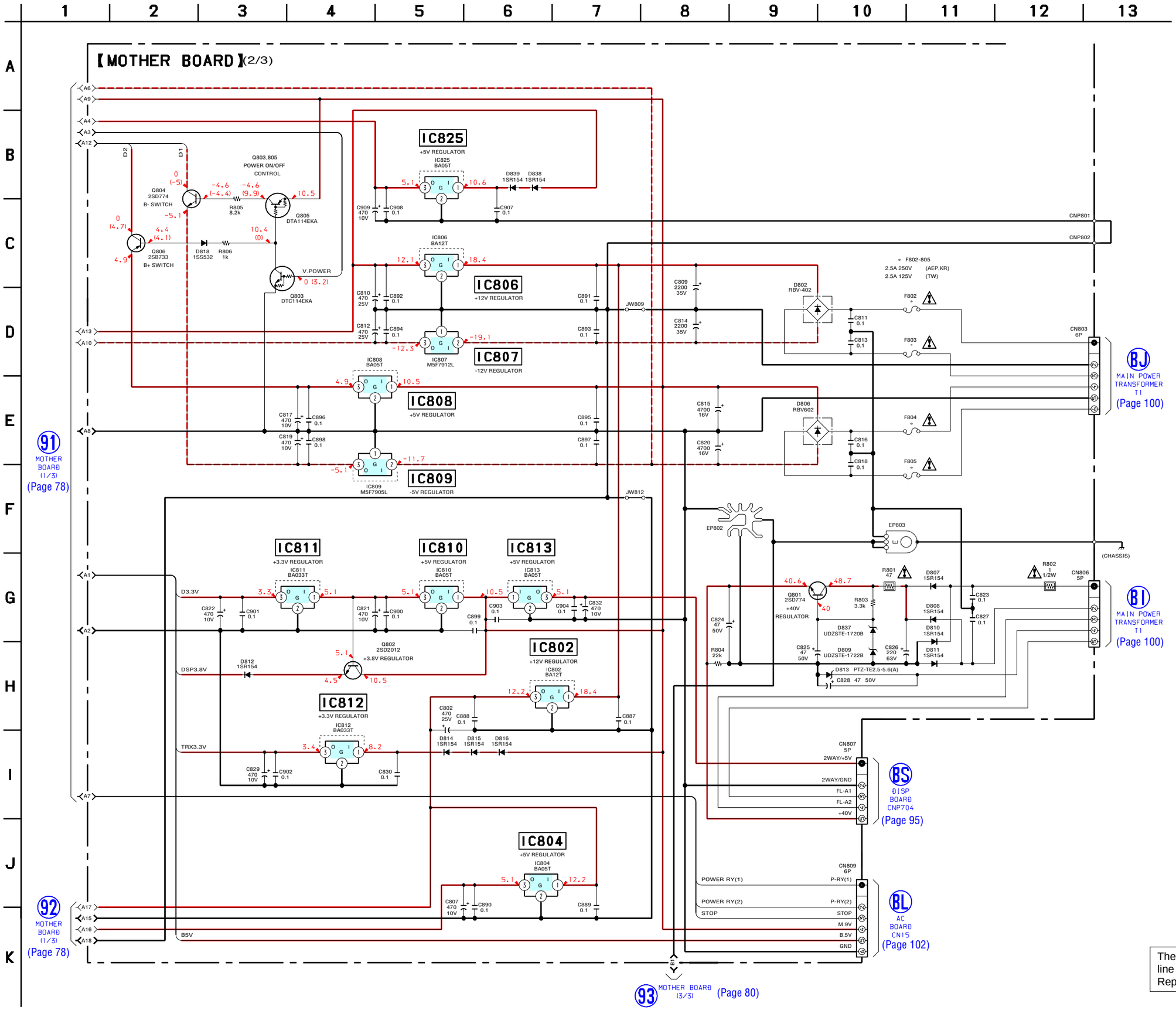
- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D802 | I-6 |
| D806 | I-8 |
| D807 | J-9 |
| D808 | J-9 |
| D809 | J-10 |
| D810 | J-9 |
| D811 | J-9 |
| D812 | C-6 |
| D813 | J-10 |
| D814 | D-6 |
| D815 | E-6 |
| D816 | E-6 |
| D818 | G-9 |
| D837 | J-10 |
| D838 | E-5 |
| D839 | F-5 |
| D840 | G-1 |
| D841 | G-1 |
| D842 | G-1 |
| D843 | D-1 |
| D844 | D-1 |
| D845 | D-1 |
| D846 | C-1 |
| D847 | H-1 |
| IC802 | G-7 |
| IC804 | D-8 |
| IC806 | F-6 |
| IC807 | G-6 |
| IC808 | H-6 |
| IC809 | G-6 |
| IC810 | C-6 |
| IC811 | C-6 |
| IC812 | D-6 |
| IC813 | F-6 |
| IC816 | E-3 |
| IC817 | F-2 |
| IC818 | E-2 |
| IC819 | G-3 |
| IC820 | G-5 |
| IC821 | H-4 |
| IC822 | H-6 |
| IC823 | I-4 |
| IC825 | F-5 |
| Q801 | J-9 |
| Q802 | D-6 |
| Q803 | G-8 |
| Q804 | G-9 |
| Q805 | G-8 |
| Q806 | H-9 |
| Q807 | H-1 |
| Q808 | D-1 |
| Q809 | H-1 |
| Q810 | D-2 |
| Q811 | E-3 |
| Q812 | G-2 |
| Q813 | G-1 |
| Q814 | D-2 |
| Q815 | E-1 |
| Q817 | F-3 |
| Q820 | G-2 |
| Q821 | E-2 |
| Q822 | G-1 |
| Q823 | E-1 |
| Q824 | F-3 |
| Q825 | F-3 |
| Q826 | E-3 |
| Q827 | F-2 |
| Q828 | G-4 |
| Q829 | G-4 |
| Q833 | I-5 |
| Q834 | I-5 |
| Q836 | G-1 |
| Q837 | F-1 |

## 6-56. SCHEMATIC DIAGRAM – MOTHER Board (1/3) –

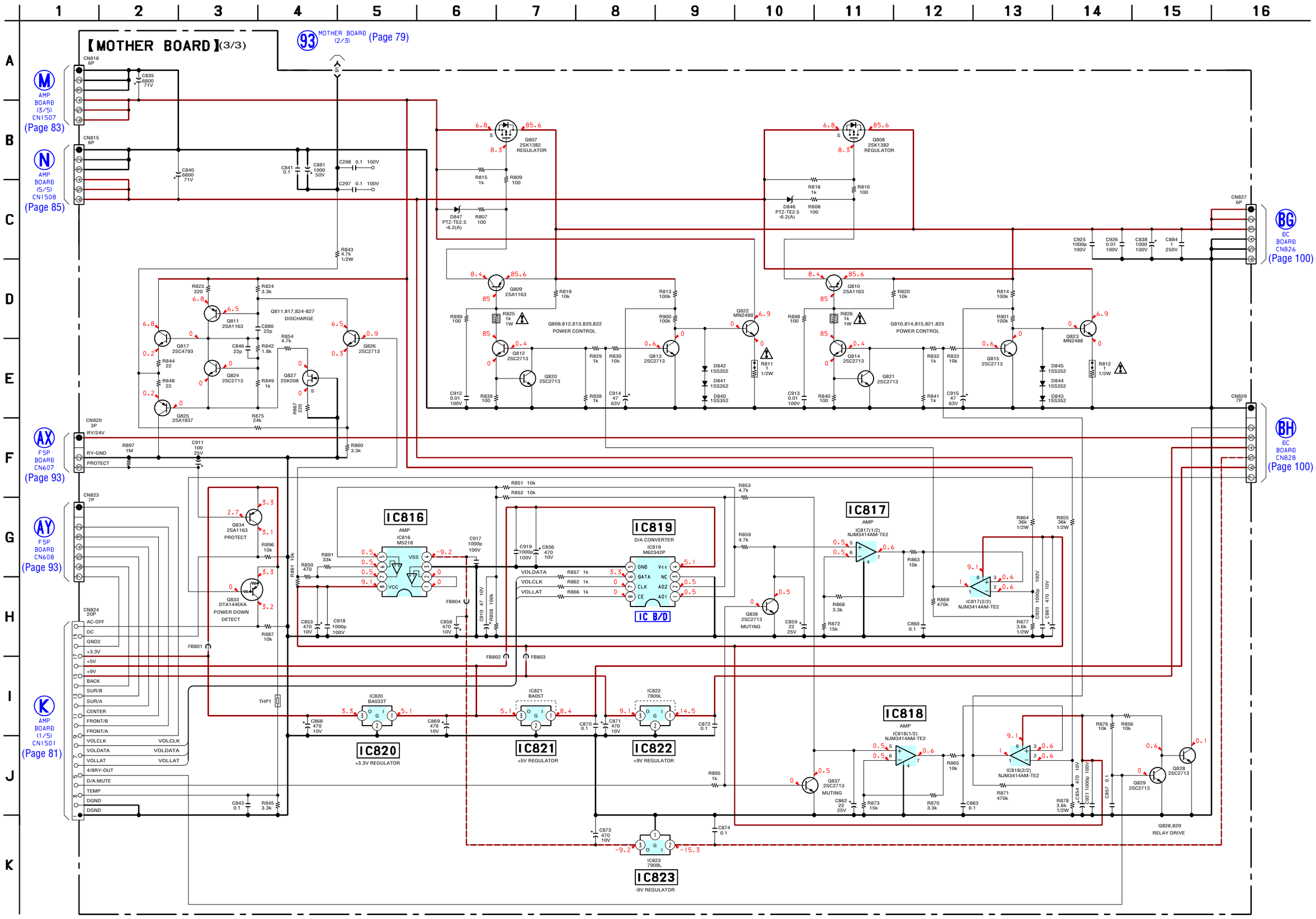


## 6-57. SCHEMATIC DIAGRAM – MOTHER Board (2/3) –



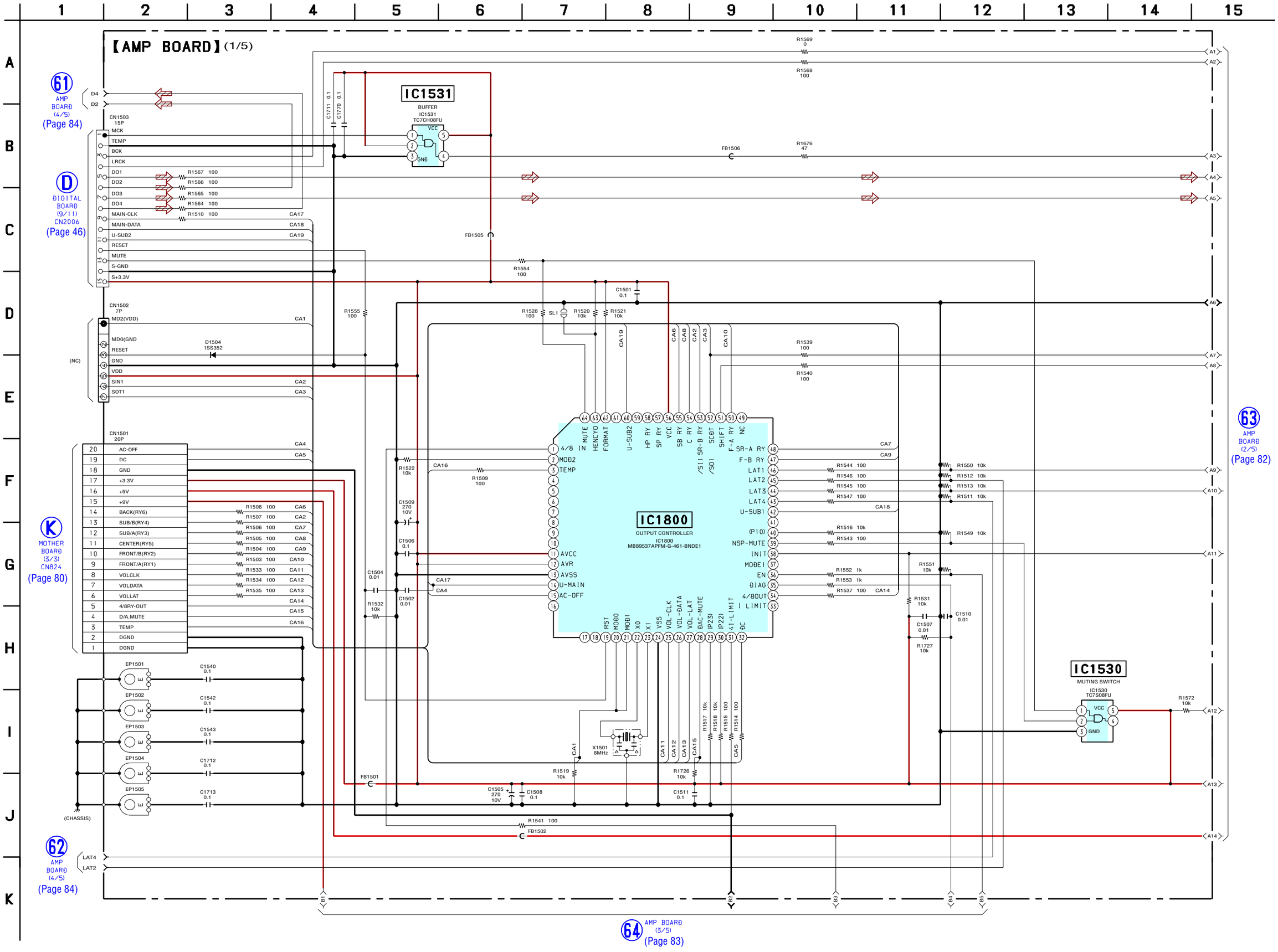

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

## 6-58. SCHEMATIC DIAGRAM – MOTHER Board (3/3) –

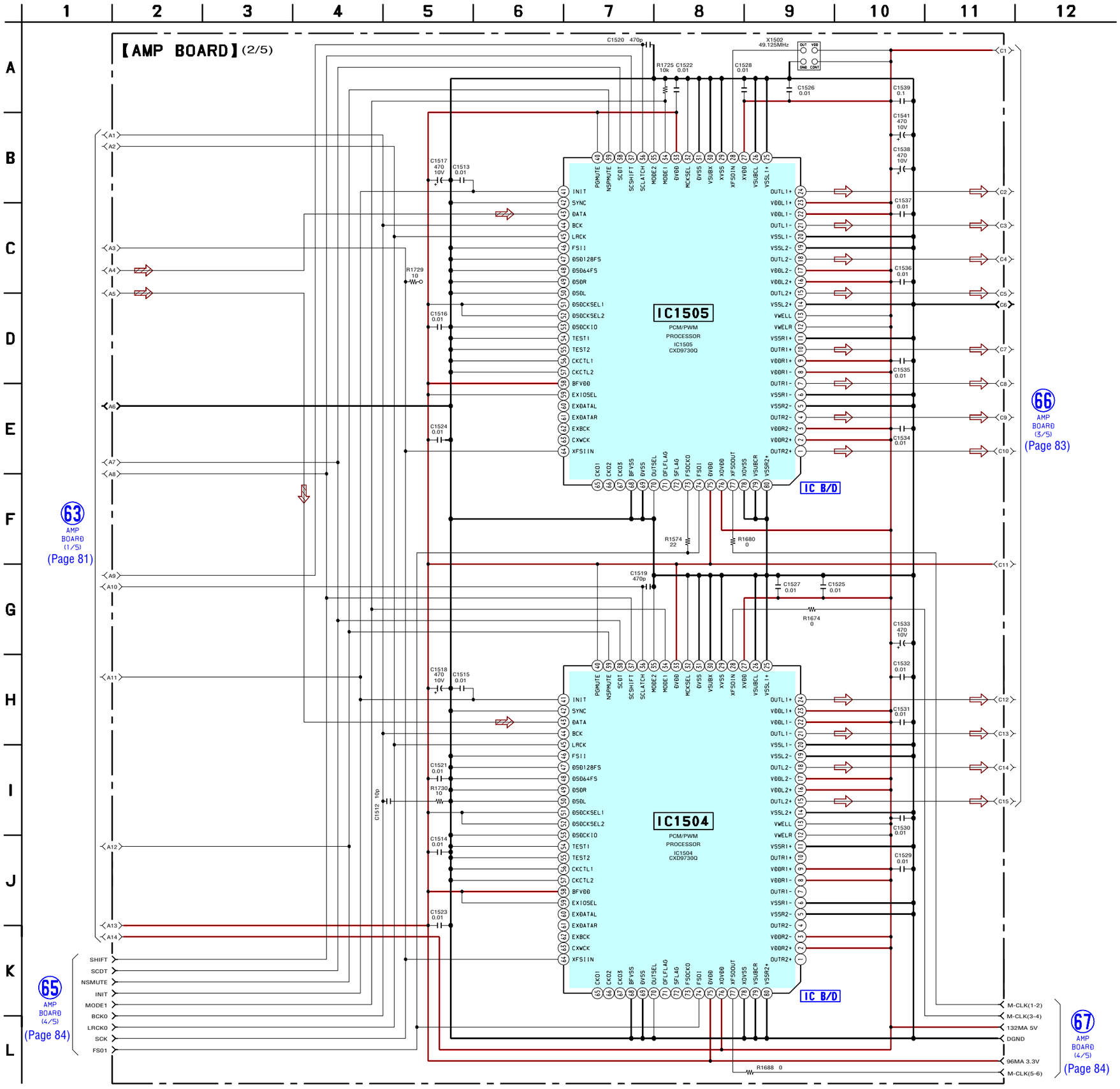



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

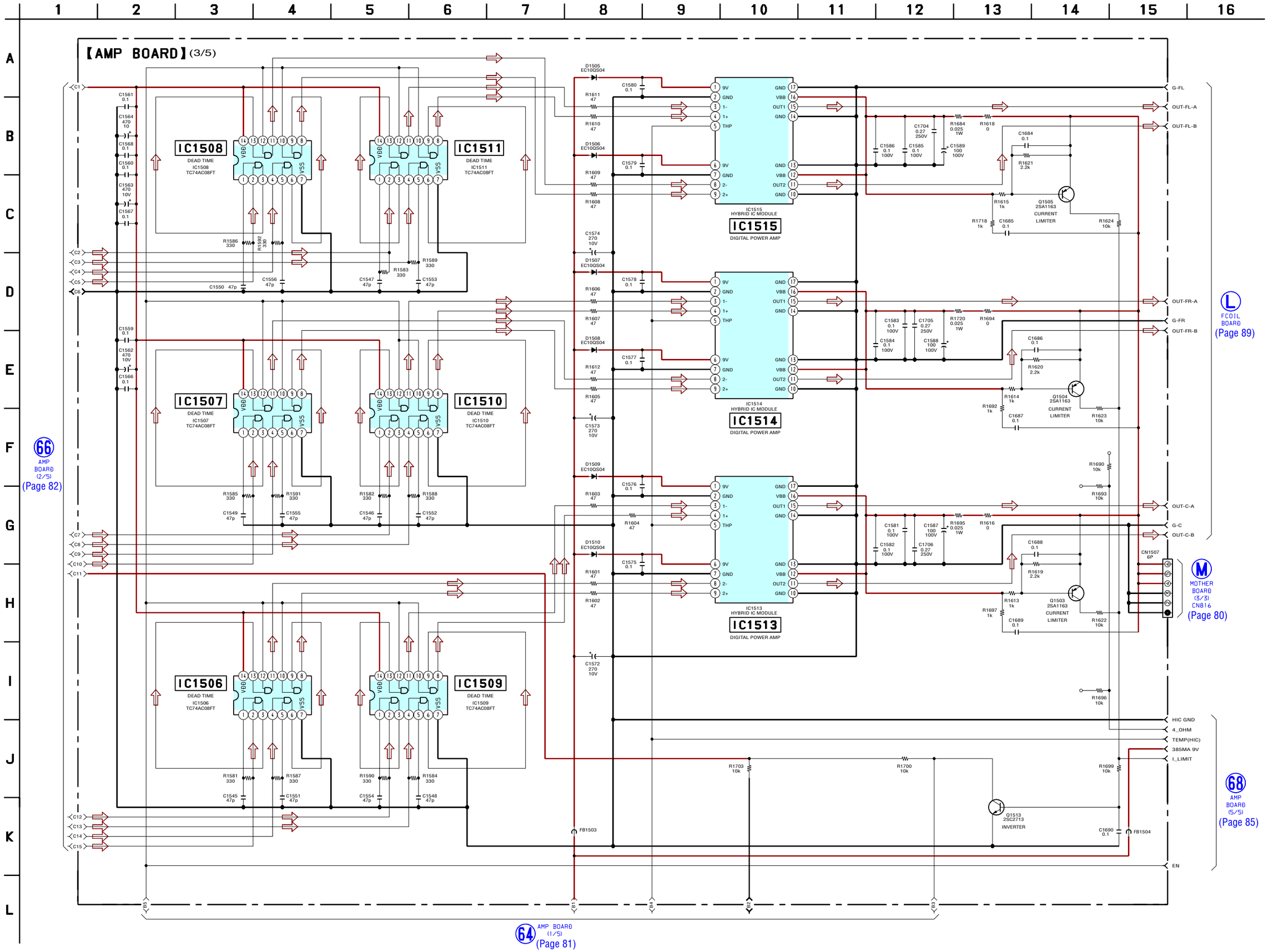
## 6-59. SCHEMATIC DIAGRAM – AMP Board (1/5) –



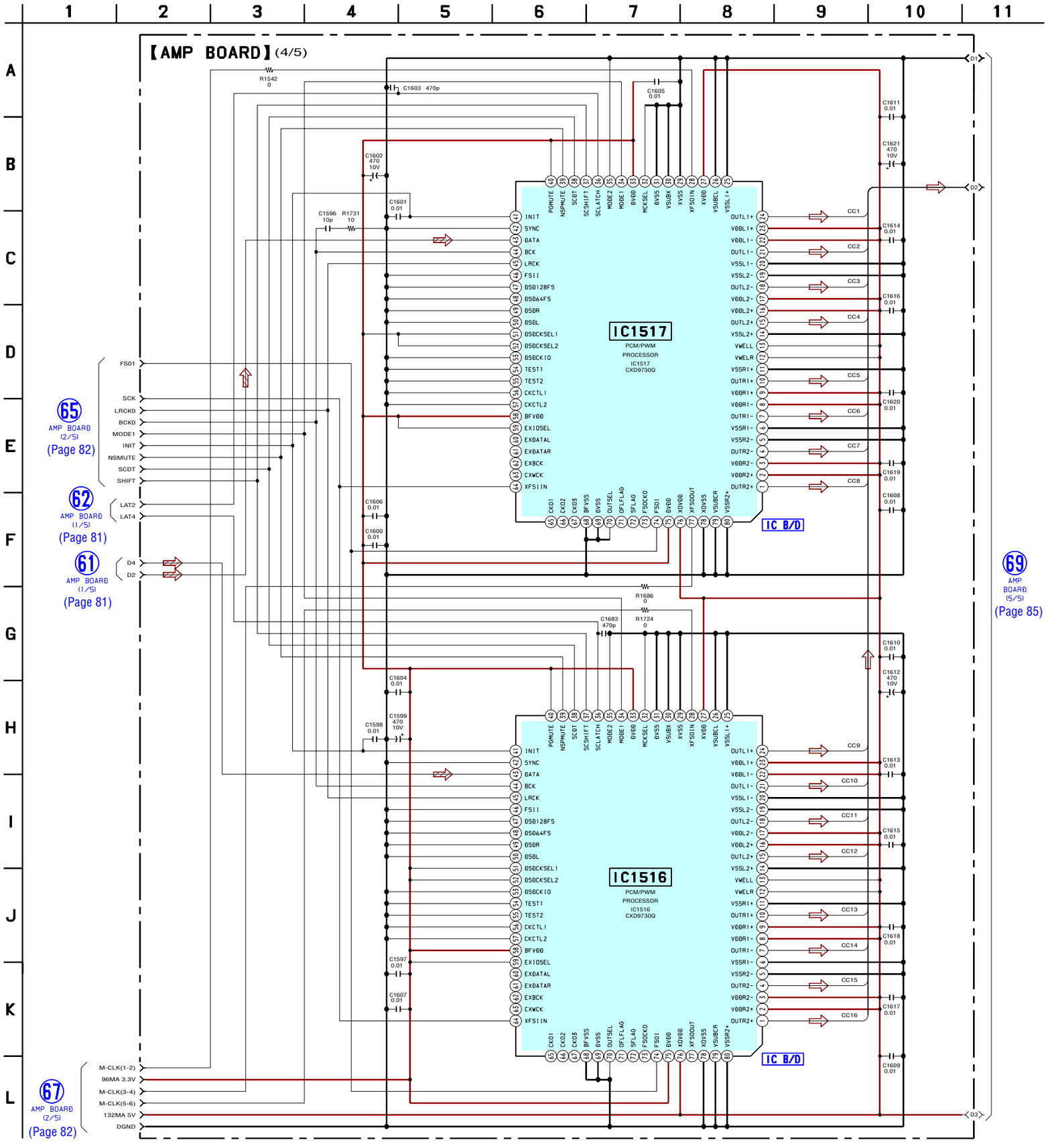
## 6-60. SCHEMATIC DIAGRAM – AMP Board (2/5) –



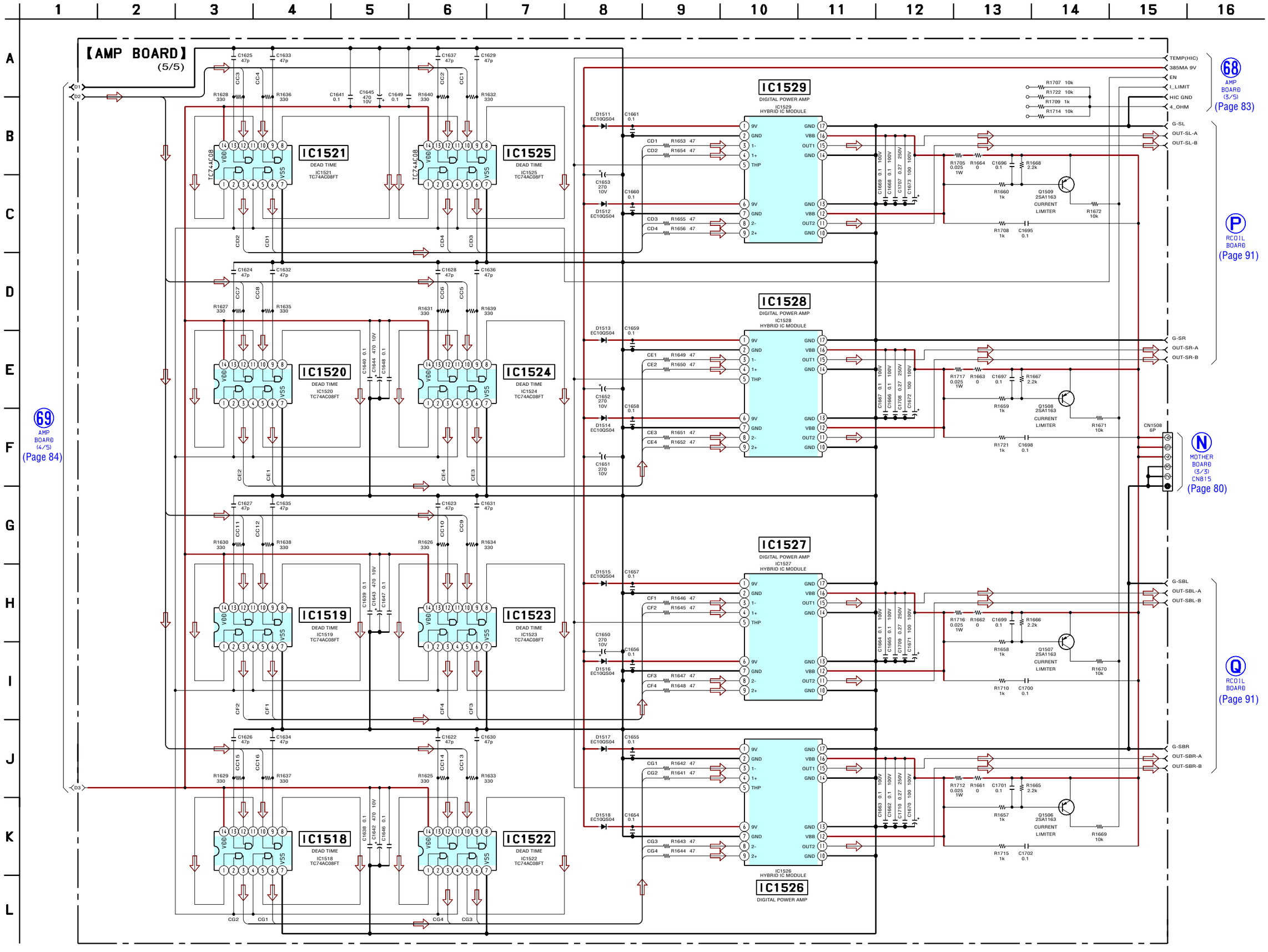
## 6-61. SCHEMATIC DIAGRAM – AMP Board (3/5) –



## 6-62. SCHEMATIC DIAGRAM – AMP Board (4/5) –



## 6-63. SCHEMATIC DIAGRAM – AMP Board (5/5) –



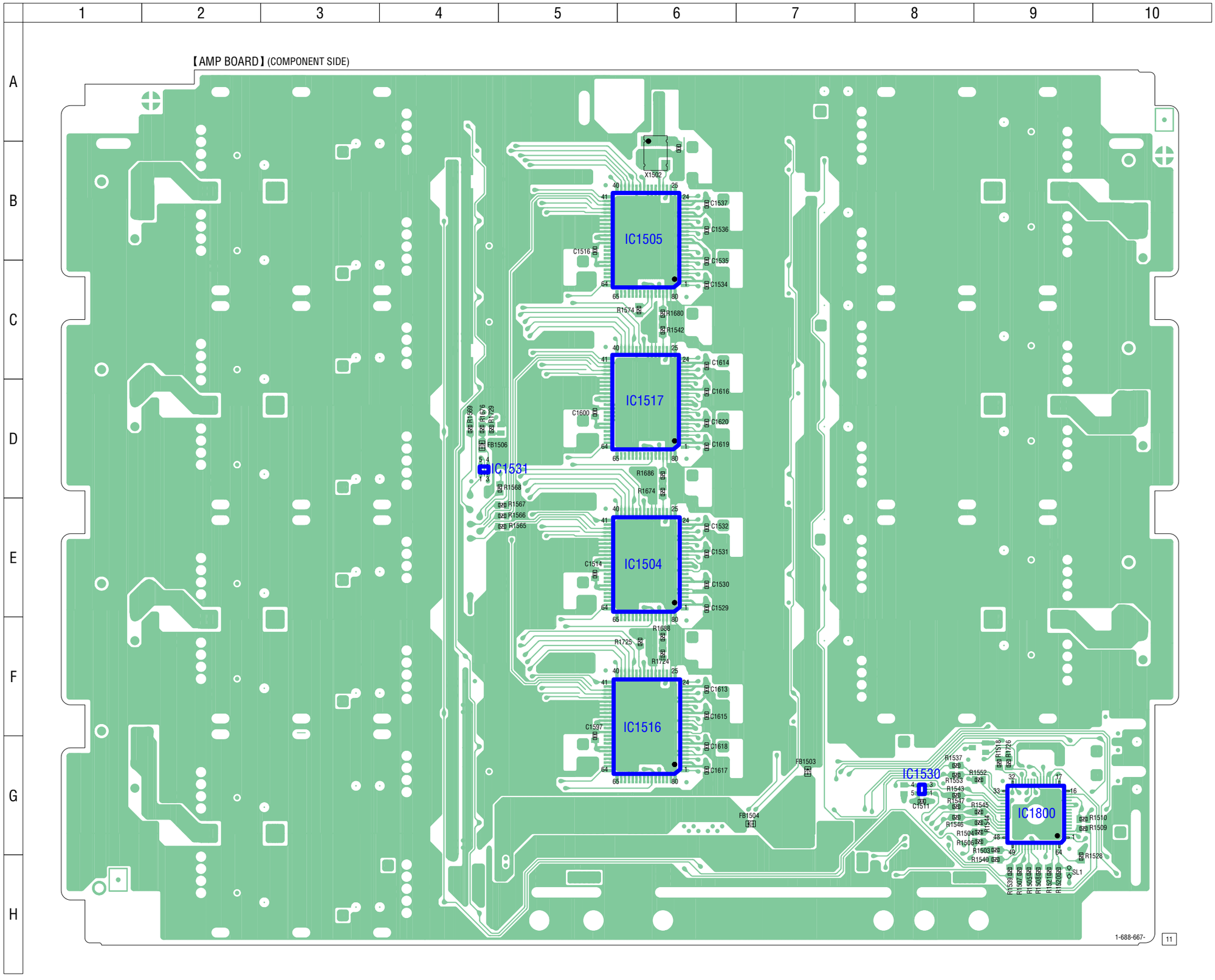
## 6-64. PRINTED WIRING BOARD – AMP Board (Component Side) –

• See page 35 for Circuit Boards Location.

:Uses unleaded solder.

• **Semiconductor Location**

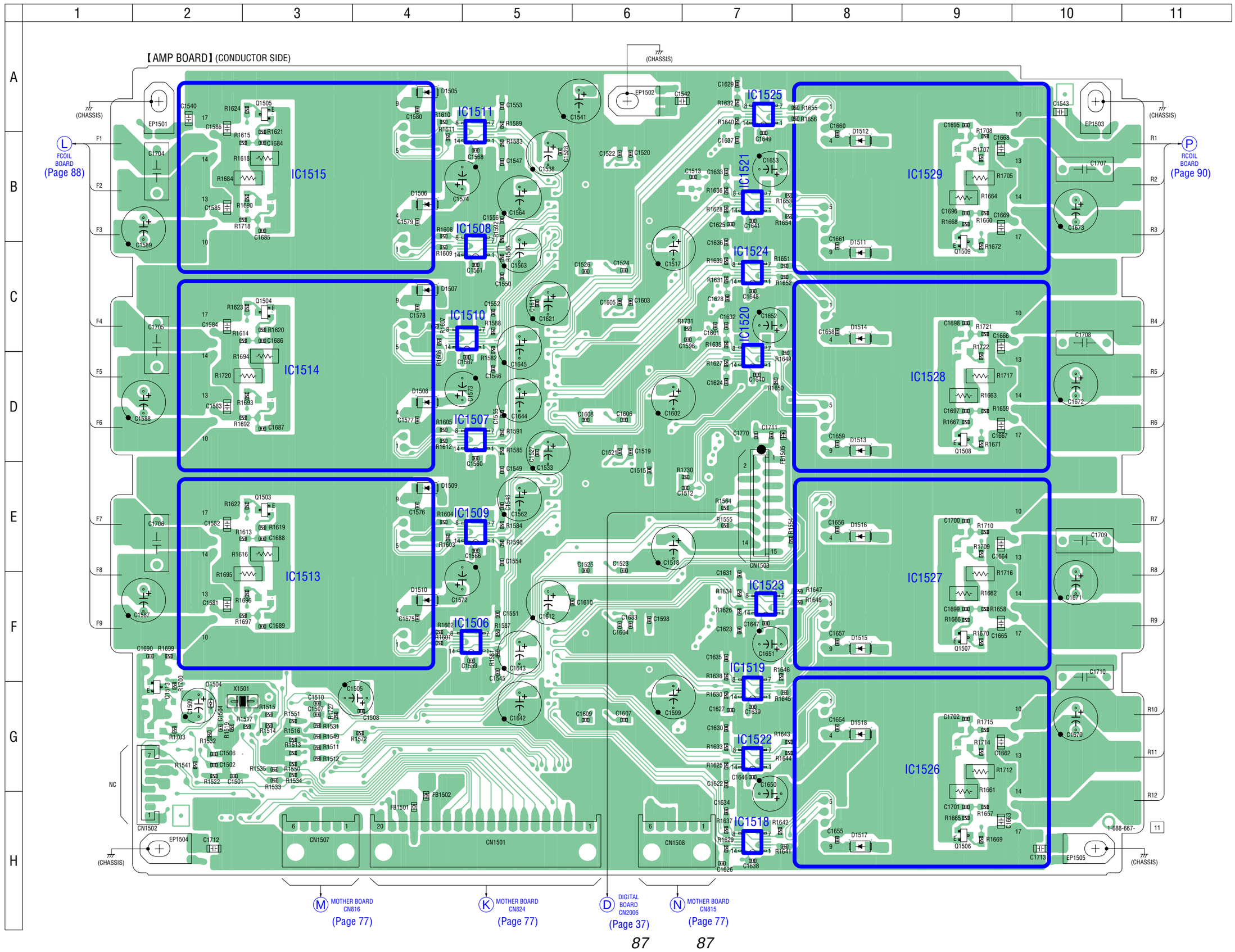
| Ref. No. | Location |
|---|---|
| IC1504 | E-6 |
| IC1505 | B-6 |
| IC1516 | F-6 |
| IC1517 | D-6 |
| IC1530 | G-8 |
| IC1531 | D-4 |
| IC1800 | G-9 |



## 6-65. PRINTED WIRING BOARD – AMP Board (Conductor Side) –

• See page 35 for Circuit Boards Location.

:Uses unleaded solder.




- **Semiconductor Location**

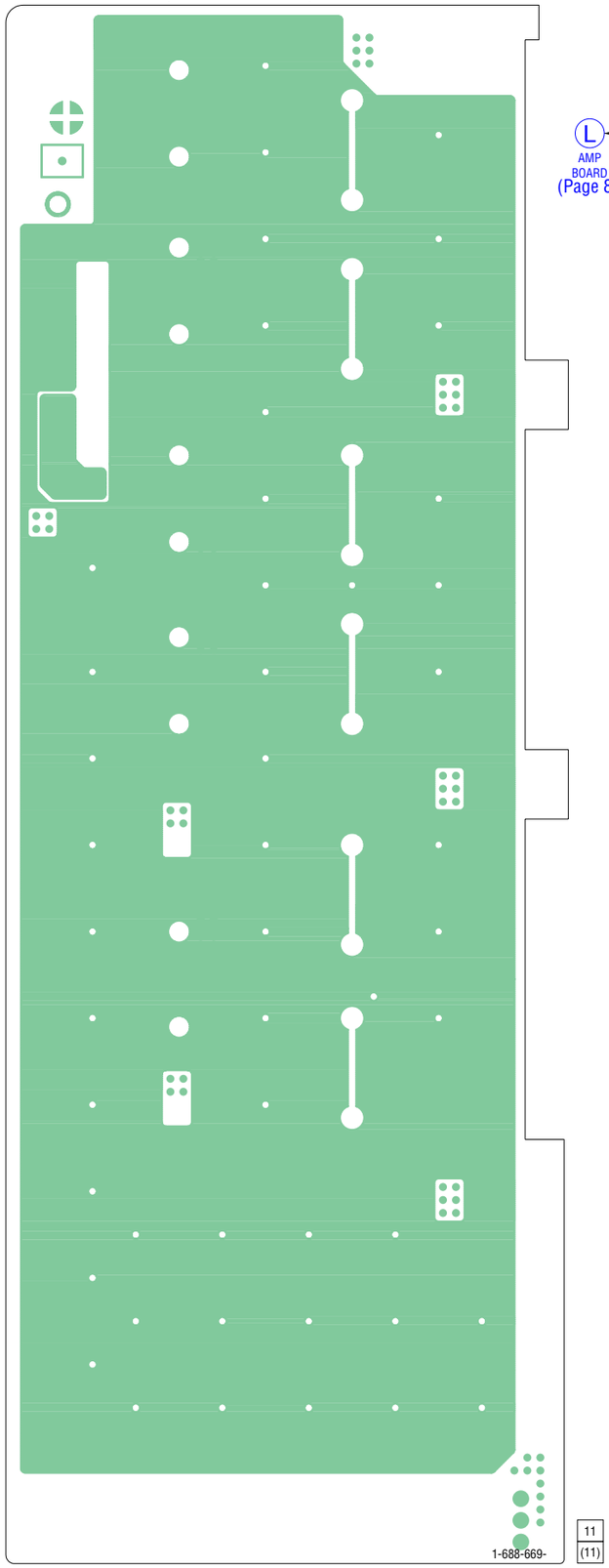
| Ref. No. | Location |
|---|---|
| D1504 | G-2 |
| D1505 | A-4 |
| D1506 | B-4 |
| D1507 | C-4 |
| D1508 | D-4 |
| D1509 | E-4 |
| D1510 | F-4 |
| D1511 | C-8 |
| D1512 | B-8 |
| D1513 | D-8 |
| D1514 | C-8 |
| D1515 | F-8 |
| D1516 | E-8 |
| D1517 | H-8 |
| D1518 | G-8 |
| IC1506 | F-5 |
| IC1507 | D-5 |
| IC1508 | C-5 |
| IC1509 | E-5 |
| IC1510 | C-5 |
| IC1511 | A-5 |
| IC1513 | F-3 |
| IC1514 | D-3 |
| IC1515 | B-3 |
| IC1518 | H-7 |
| IC1519 | G-7 |
| IC1520 | D-7 |
| IC1521 | B-7 |
| IC1522 | G-7 |
| IC1523 | F-7 |
| IC1524 | C-7 |
| IC1525 | A-7 |
| IC1526 | G-9 |
| IC1527 | F-9 |
| IC1528 | D-9 |
| IC1529 | B-9 |
| Q1503 | E-3 |
| Q1504 | C-3 |
| Q1505 | A-3 |
| Q1506 | H-9 |
| Q1507 | F-9 |
| Q1508 | D-9 |
| Q1509 | C-9 |
| Q1513 | G-2 |

## 6-66. PRINTED WIRING BOARD – FCOIL Board –

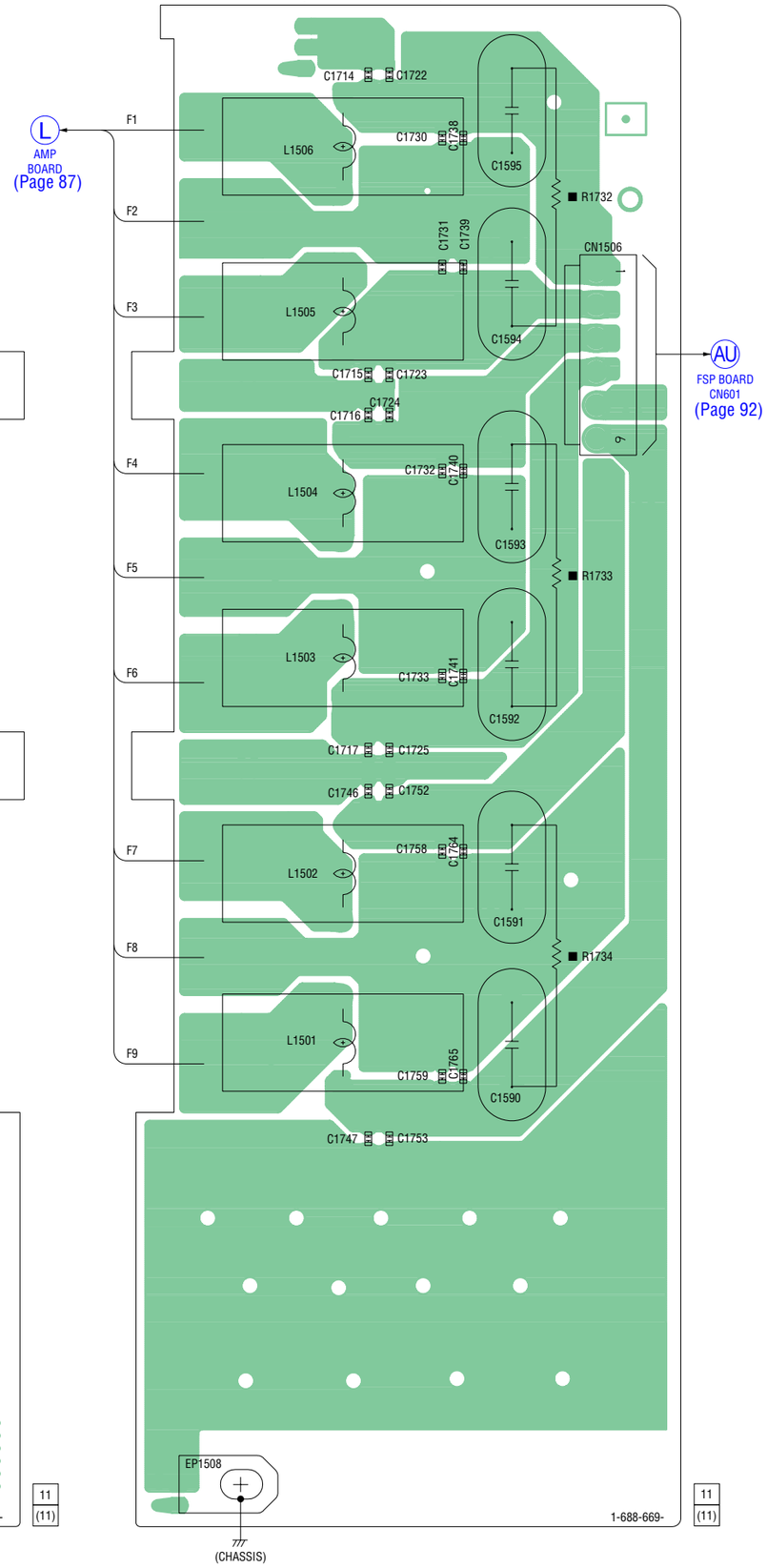
• See page 35 for Circuit Boards Location.

:Uses unleaded solder.

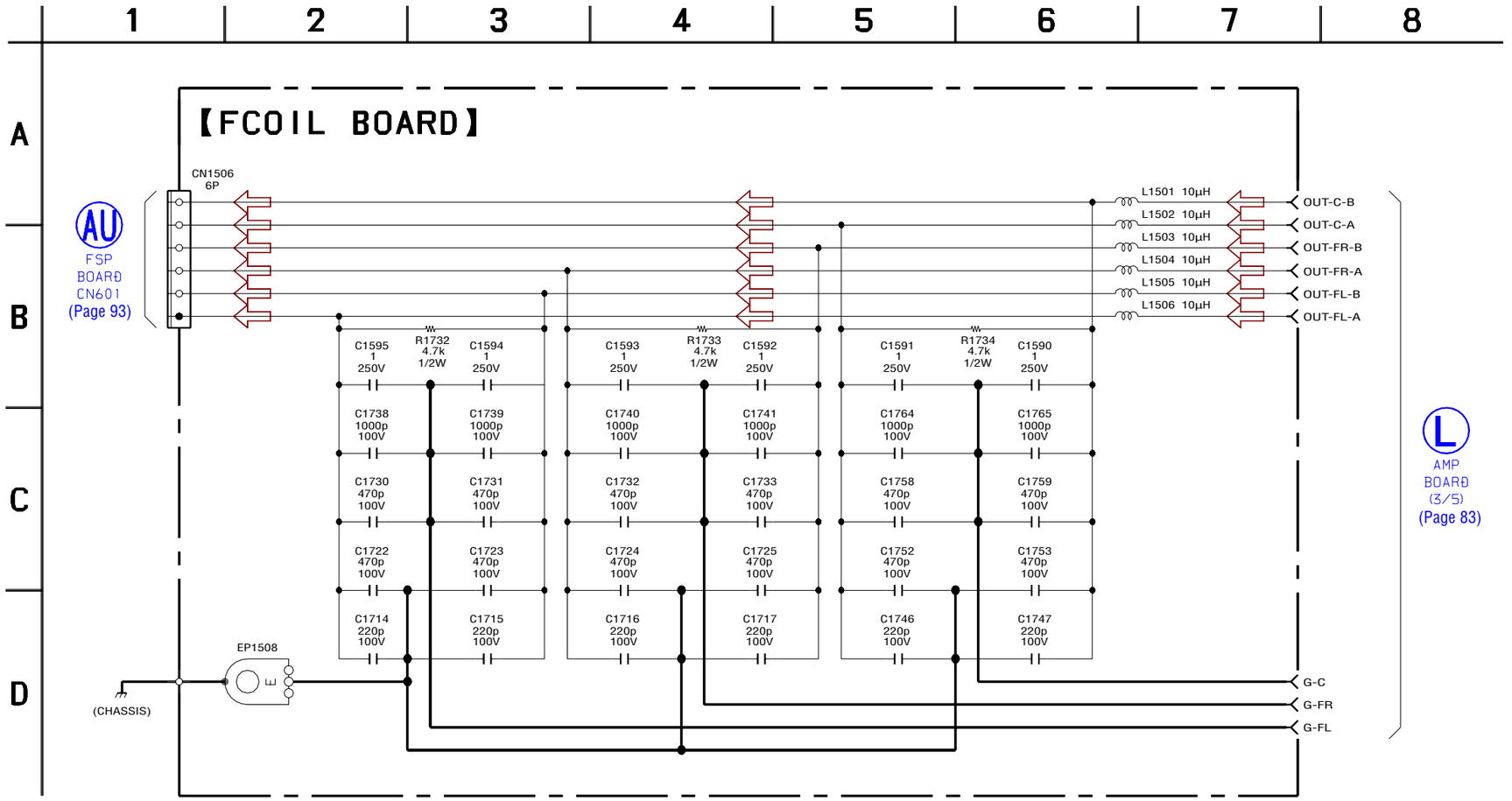
【FCOIL BOARD】(COMPONENT SIDE)



【FCOIL BOARD】(CONDUCTOR SIDE)

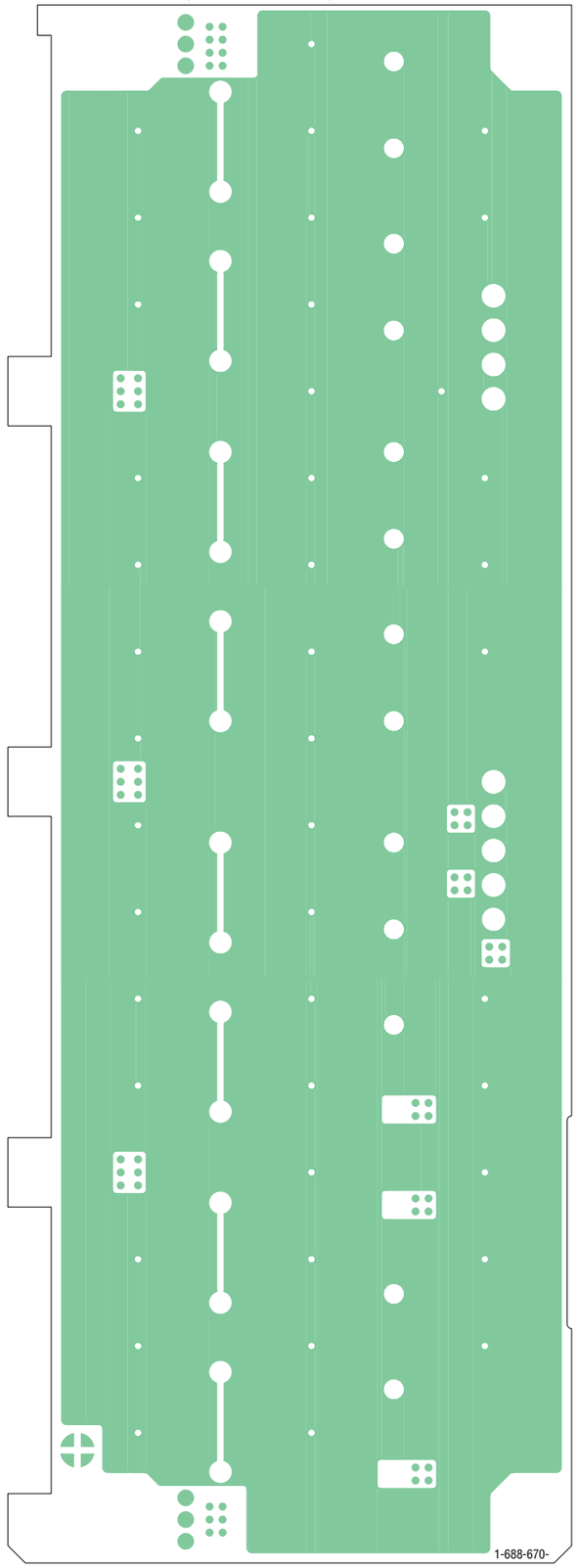


## 6-67. SCHEMATIC DIAGRAM – FCOIL Board –

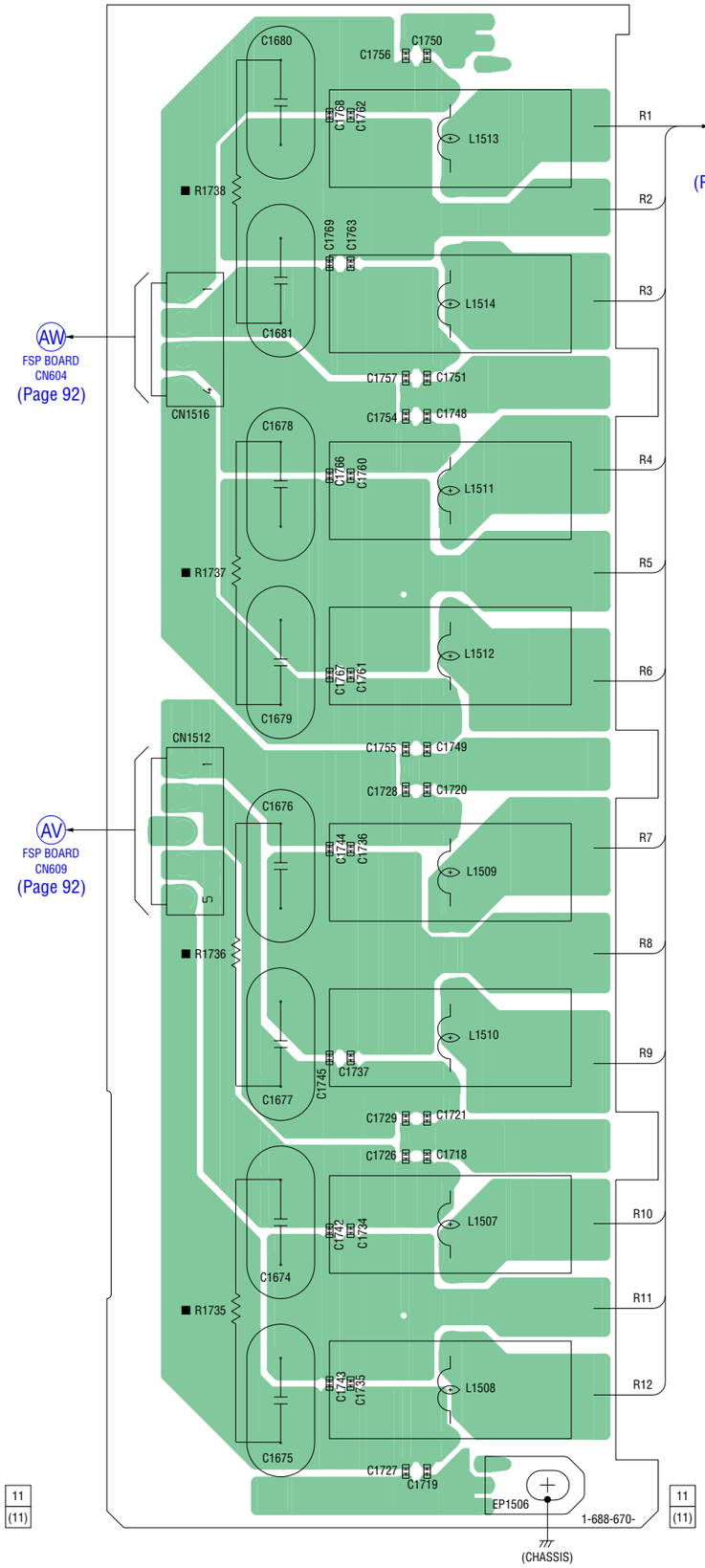


## 6-68. PRINTED WIRING BOARD – RCOIL Board – • See page 35 for Circuit Boards Location. :Uses unleaded solder.

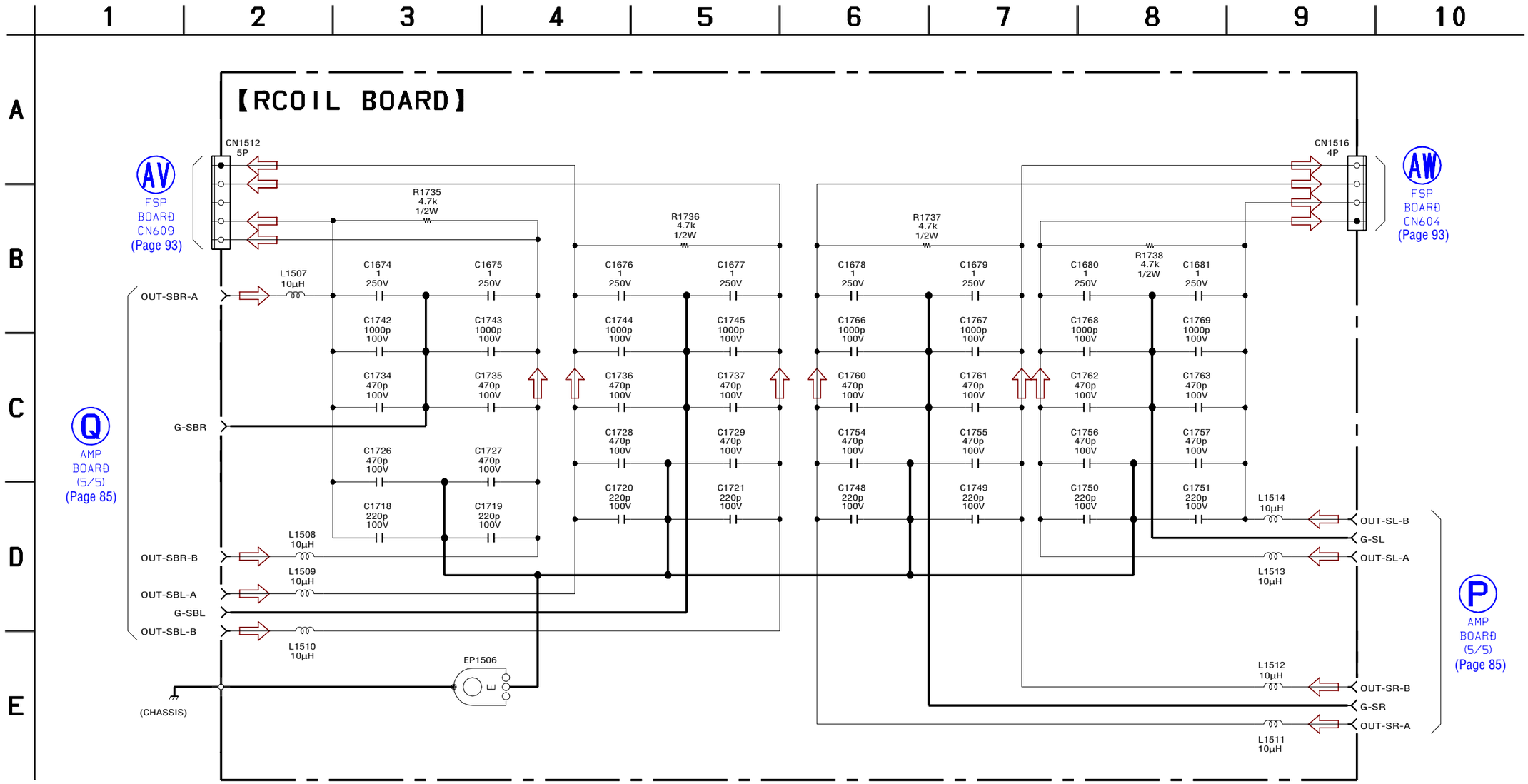
【RCOIL BOARD】(COMPONENT SIDE)



【RCOIL BOARD】(CONDUCTOR SIDE)



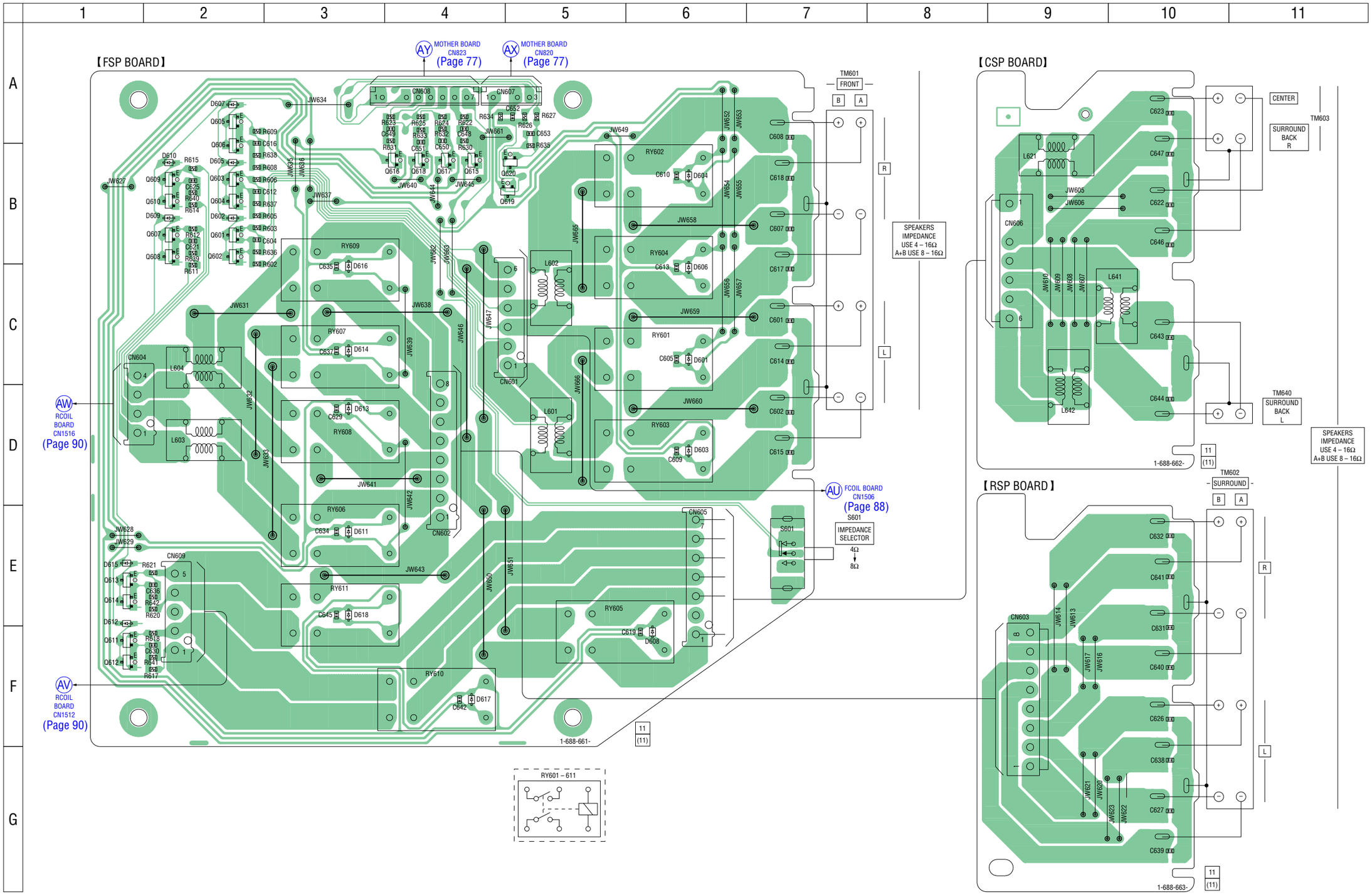
## 6-69. SCHEMATIC DIAGRAM – RCOIL Board –



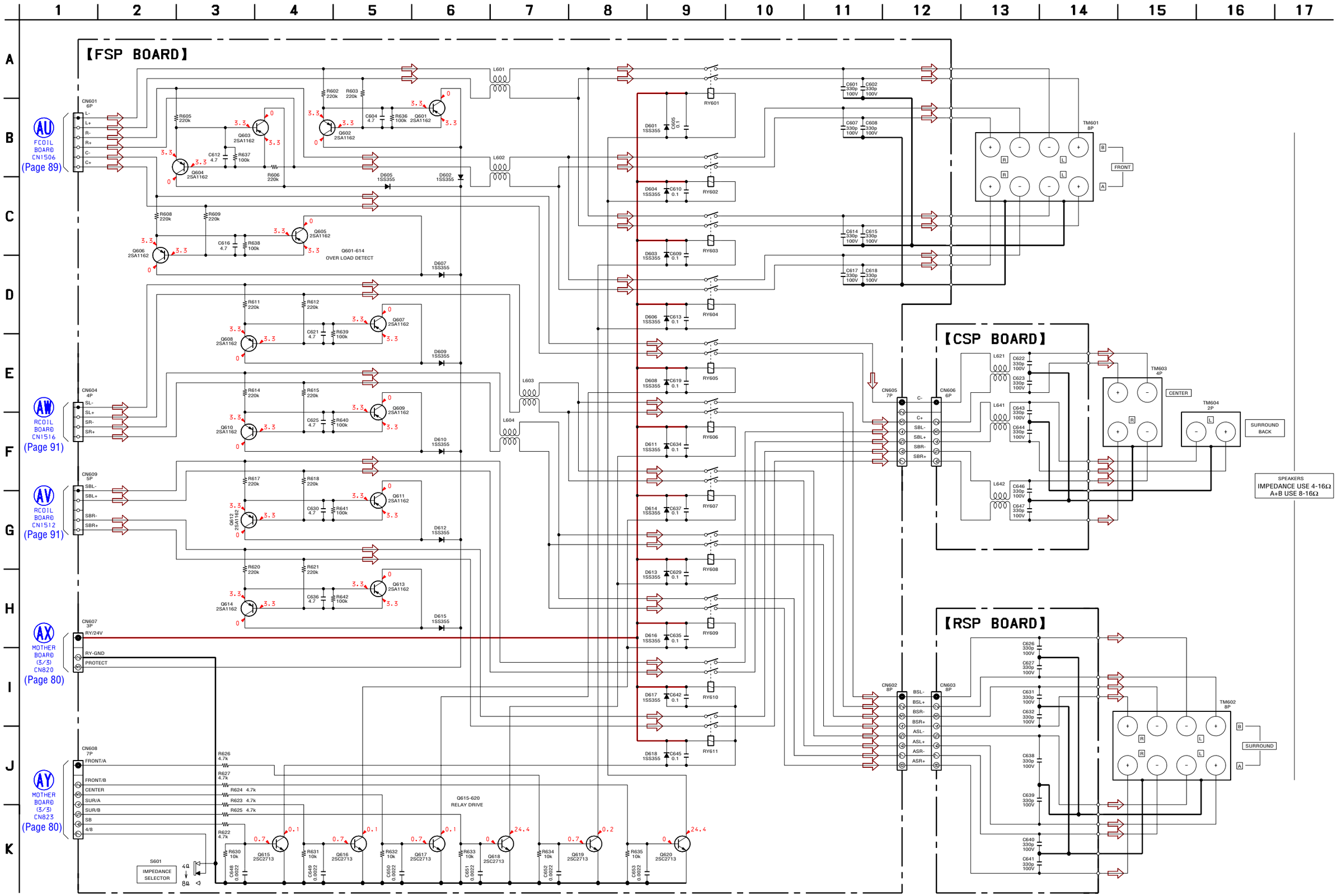
## 6-70. PRINTED WIRING BOARDS – SP Section – • See page 35 for Circuit Boards Location. :Uses unleaded solder.

- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D601 | C-6 |
| D602 | B-2 |
| D603 | D-6 |
| D604 | B-6 |
| D605 | B-2 |
| D606 | C-6 |
| D607 | A-2 |
| D608 | F-6 |
| D609 | B-2 |
| D610 | B-2 |
| D611 | E-3 |
| D612 | E-1 |
| D613 | D-3 |
| D614 | C-3 |
| D615 | E-1 |
| D616 | C-3 |
| D617 | F-4 |
| D618 | E-3 |
| Q601 | B-2 |
| Q602 | B-2 |
| Q603 | B-2 |
| Q604 | B-2 |
| Q605 | A-2 |
| Q606 | B-2 |
| Q607 | B-2 |
| Q608 | B-2 |
| Q609 | B-2 |
| Q610 | B-2 |
| Q611 | F-1 |
| Q612 | F-1 |
| Q613 | E-1 |
| Q614 | E-1 |
| Q615 | B-4 |
| Q616 | B-4 |
| Q617 | B-4 |
| Q618 | B-4 |
| Q619 | B-5 |
| Q620 | B-5 |



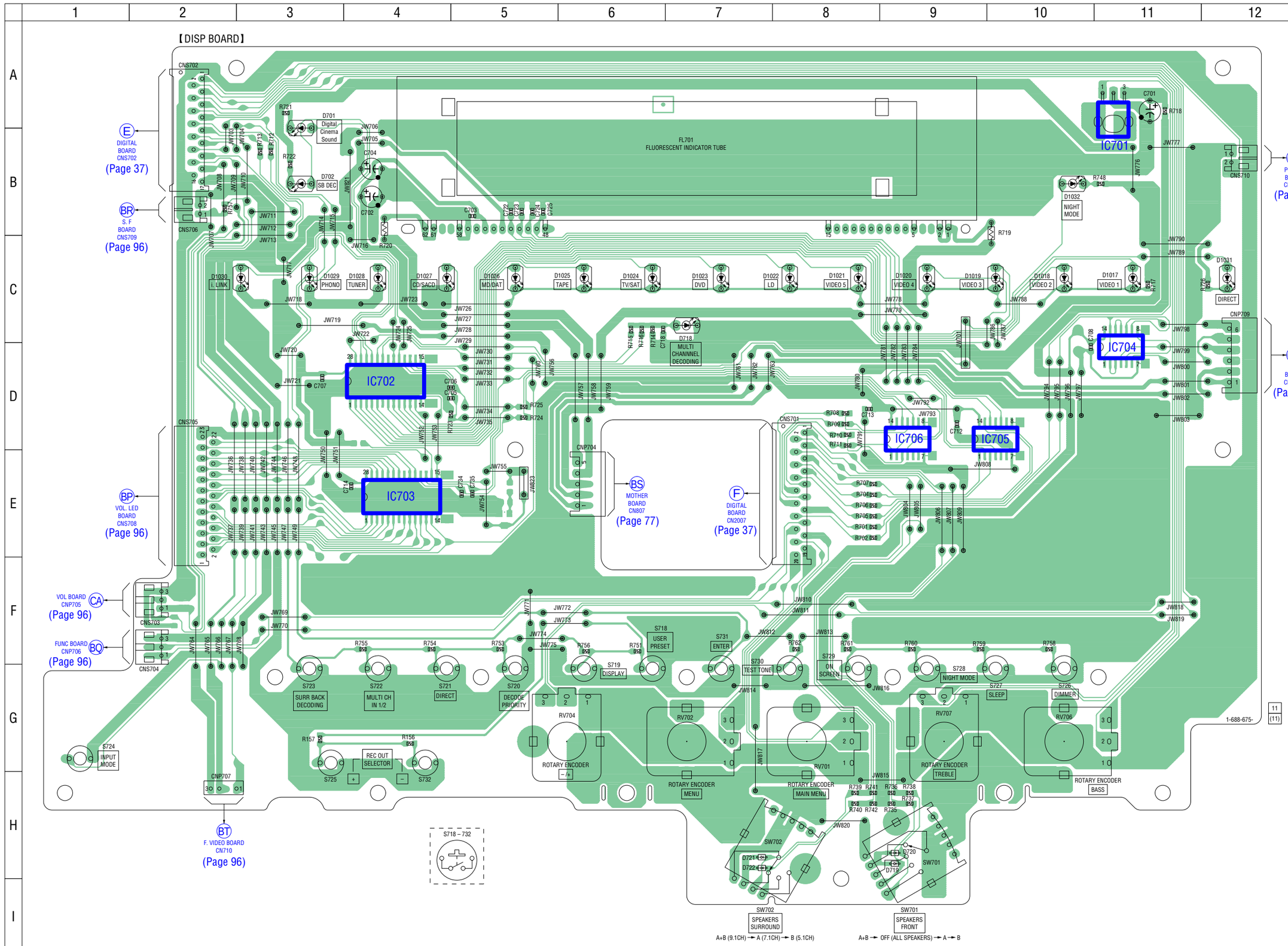
## 6-71. SCHEMATIC DIAGRAM – SP Section –



## 6-72. PRINTED WIRING BOARD – DISPLAY Section – • See page 35 for Circuit Boards Location. :Uses unleaded solder.

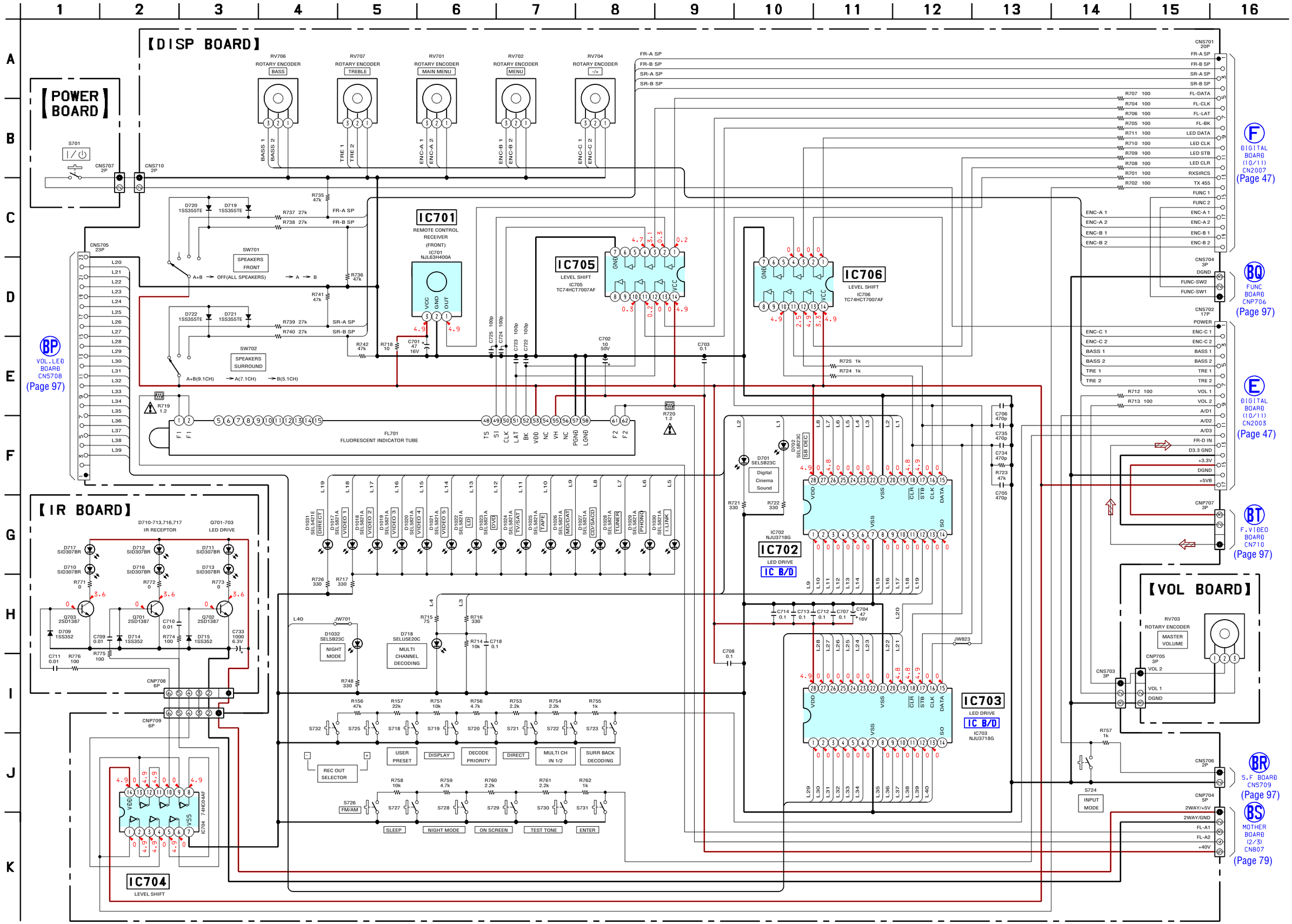
- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D701 | A-3 |
| D702 | B-3 |
| D718 | C-7 |
| D719 | H-9 |
| D720 | H-9 |
| D721 | H-7 |
| D722 | H-7 |
| D1017 | C-11 |
| D1018 | C-10 |
| D1019 | C-10 |
| D1020 | C-9 |
| D1021 | C-8 |
| D1022 | C-8 |
| D1023 | C-7 |
| D1024 | C-6 |
| D1025 | C-6 |
| D1026 | C-5 |
| D1027 | C-4 |
| D1028 | C-4 |
| D1029 | C-3 |
| D1030 | C-3 |
| D1031 | C-12 |
| D1032 | C-10 |
| IC701 | A-11 |
| IC702 | D-4 |
| IC703 | E-4 |
| IC704 | D-11 |
| IC705 | D-10 |
| IC706 | D-9 |



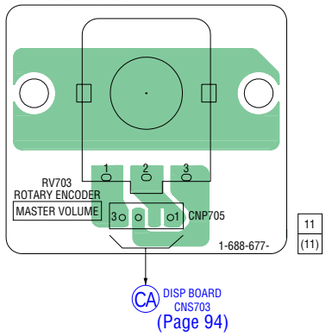
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

## 6-73. SCHEMATIC DIAGRAM – DISPLAY Section –

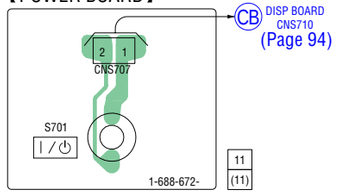


## 6-74. PRINTED WIRING BOARDS – PANEL Section – • See page 35 for Circuit Boards Location. :Uses unleaded solder.

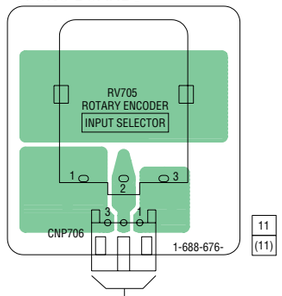
【VOL BOARD】



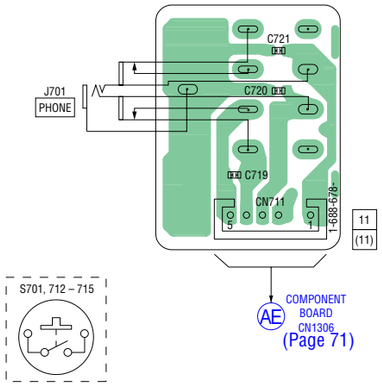

【POWER BOARD】



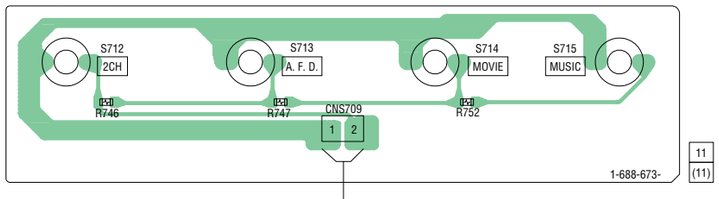

【FUNC BOARD】



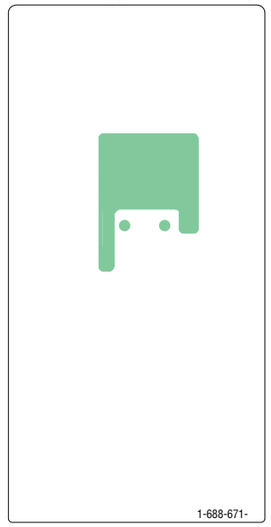

【H. P BOARD】



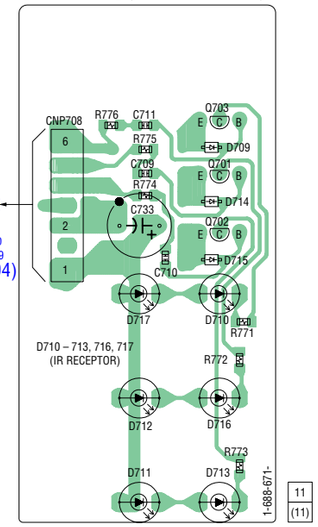

【S. F BOARD】




【IR BOARD】(COMPONENT SIDE)

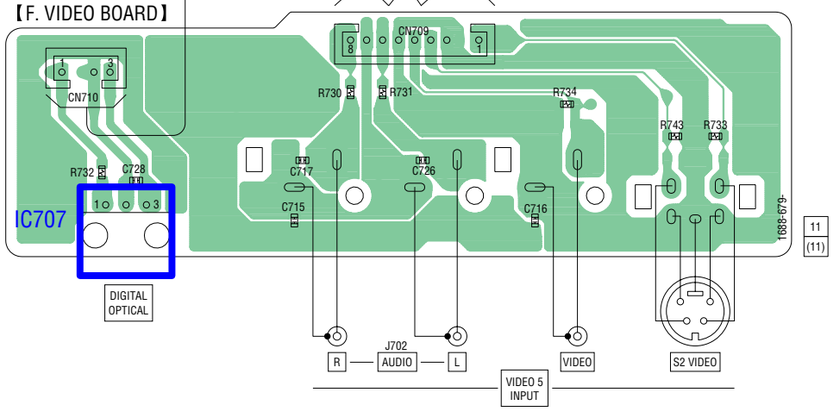



【IR BOARD】(CONDUCTOR SIDE)

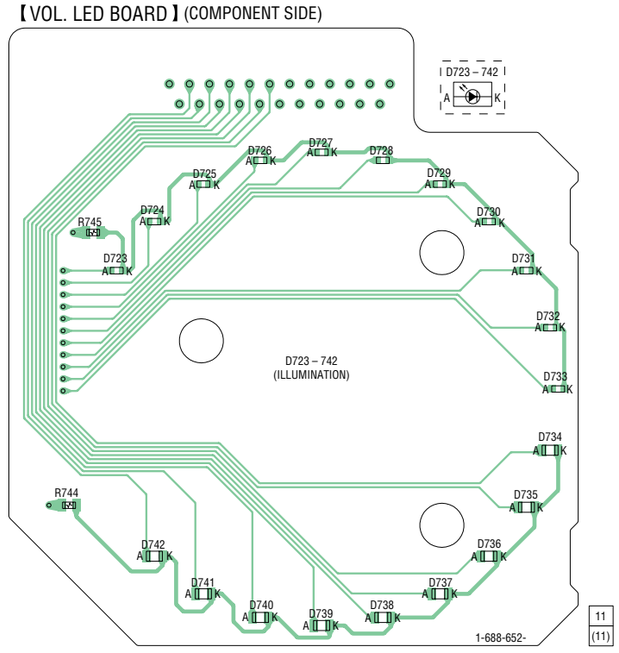



(Page 55) SUB BOARD CN1005 (Page 66) VIDEO BOARD CN303 (Page 68) S-VIDEO BOARD CN403

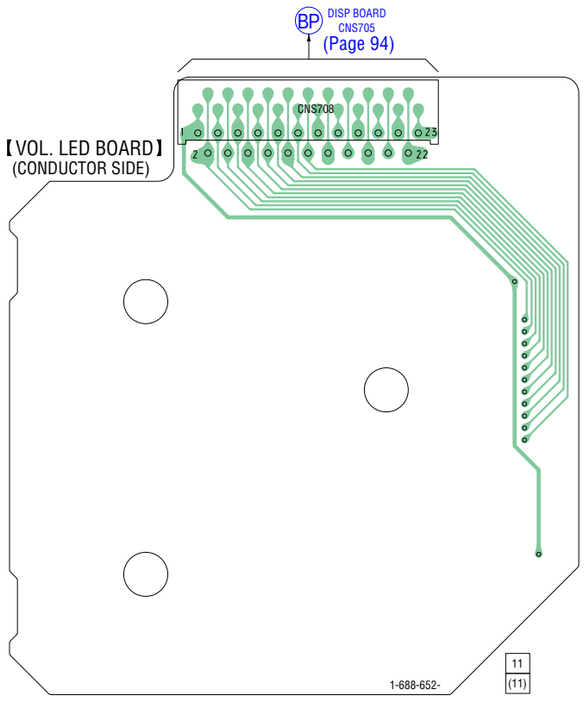
【F. VIDEO BOARD】




【VOL. LED BOARD】(COMPONENT SIDE)



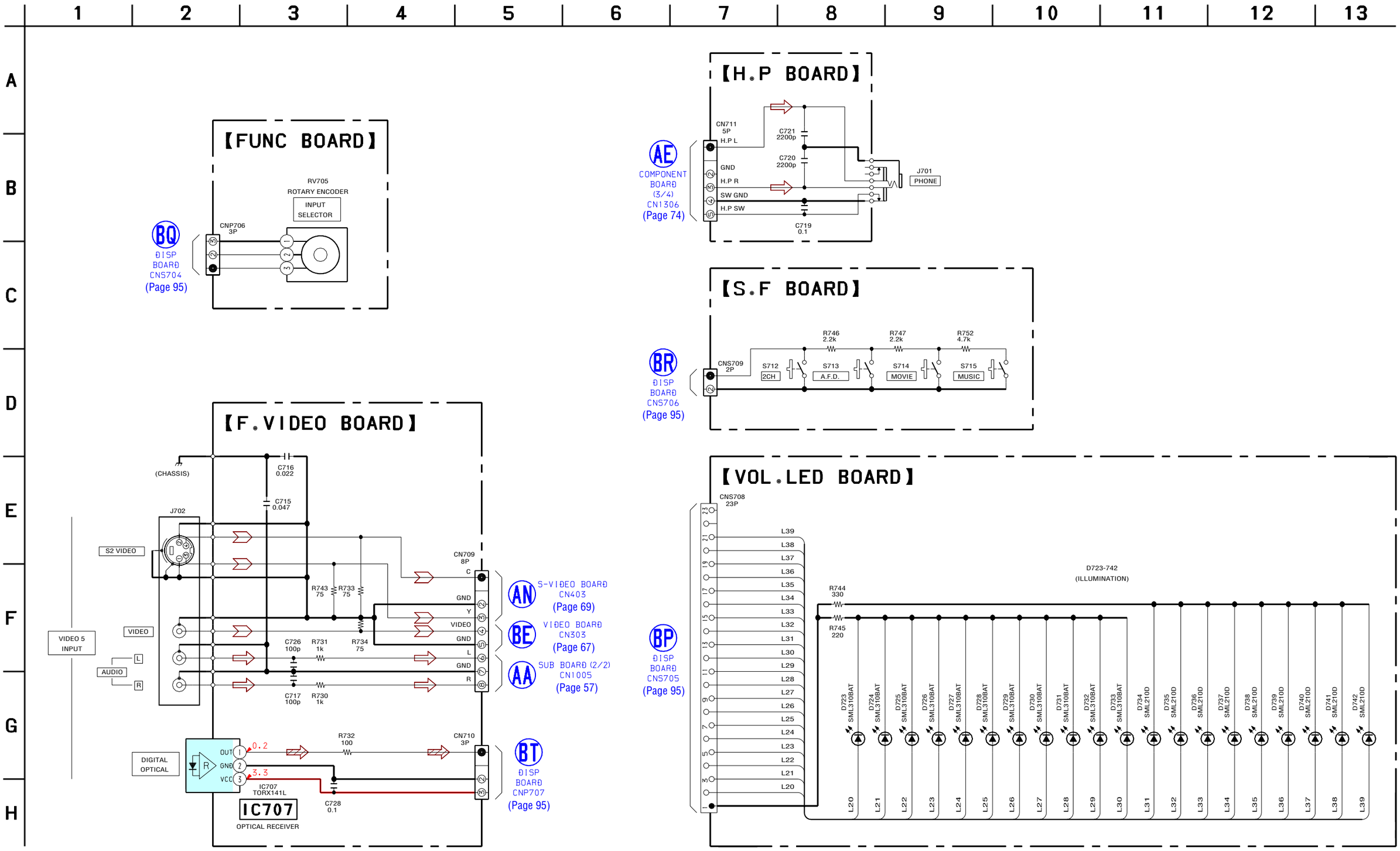

【VOL. LED BOARD】
(CONDUCTOR SIDE)




• **Semiconductor Location**

| Ref. No. | Location | Ref. No. | Location |
|---|---|---|---|
| D709 | B-12 | D732 | F-8 |
| D710 | B-12 | D733 | F-8 |
| D711 | C-11 | D734 | F-8 |
| D712 | C-11 | D735 | G-8 |
| D713 | C-12 | D736 | G-8 |
| D714 | B-12 | D737 | G-7 |
| D715 | B-12 | D738 | G-7 |
| D716 | C-12 | D739 | G-7 |
| D717 | B-11 | D740 | G-7 |
| D723 | F-6 | D741 | G-6 |
| D724 | E-6 | D742 | G-6 |
| D725 | E-6 | | |
| D726 | E-7 | IC707 | E-1 |
| D727 | E-7 | | |
| D728 | E-7 | Q701 | B-12 |
| D729 | E-7 | Q702 | B-12 |
| D730 | E-8 | Q703 | A-12 |
| D731 | F-8 | | |

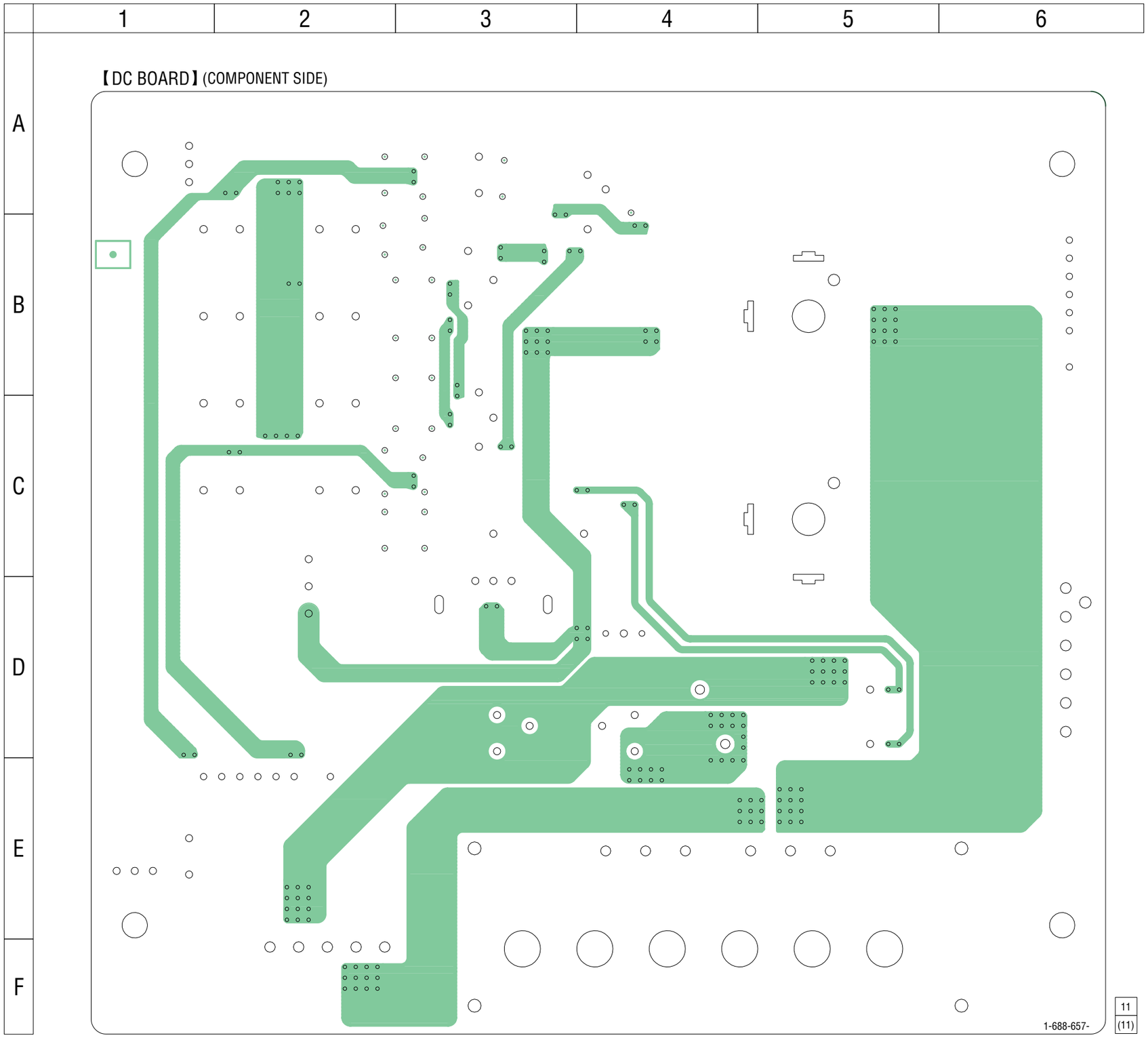
## 6-75. SCHEMATIC DIAGRAM – PANEL Section –



## 6-76. PRINTED WIRING BOARD – DC Board (Component Side) –

• See page 35 for Circuit Boards Location.

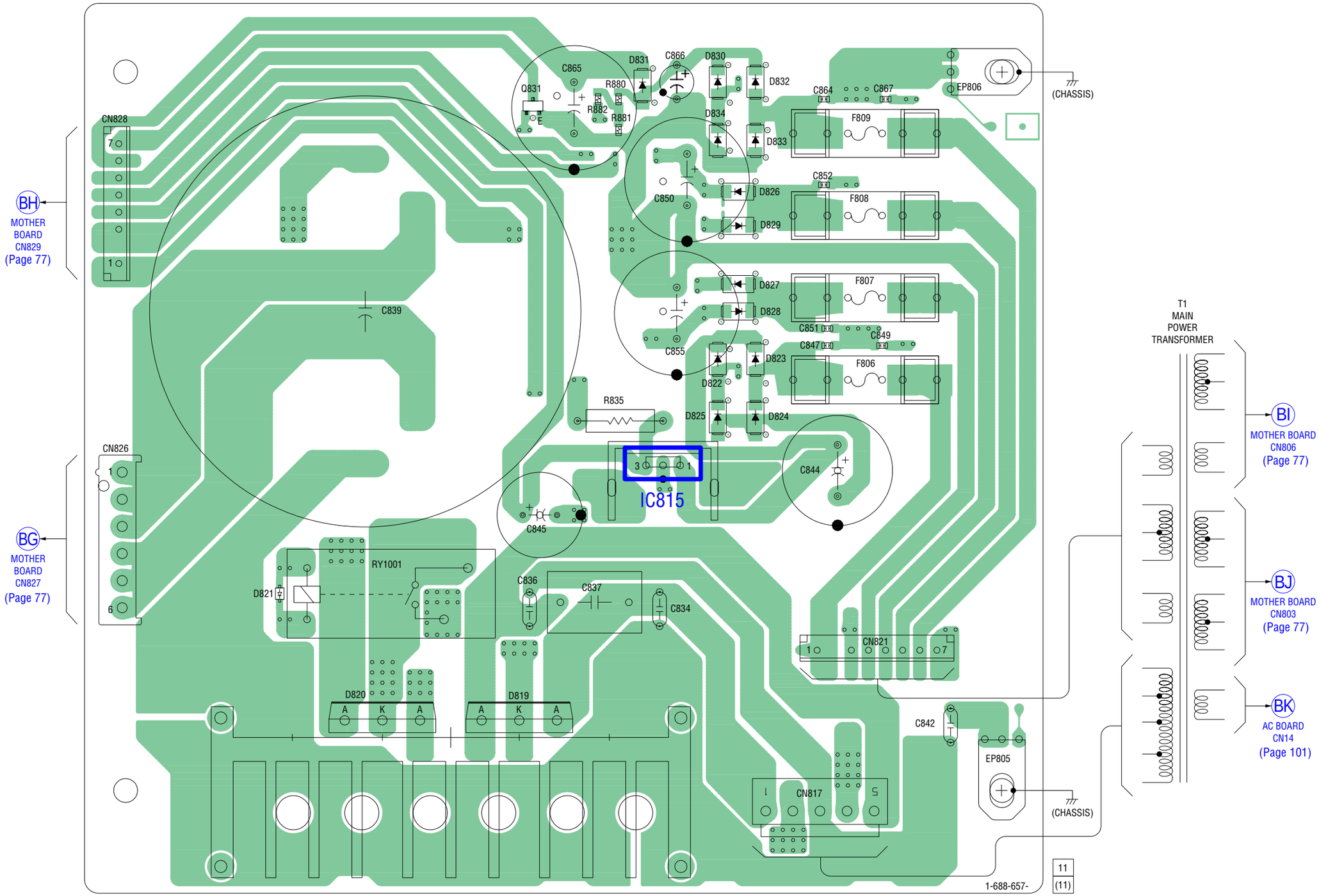
:Uses unleaded solder.



## 6-77. PRINTED WIRING BOARD – DC Board (Conductor Side) –

• See page 35 for Circuit Boards Location. :Uses unleaded solder.

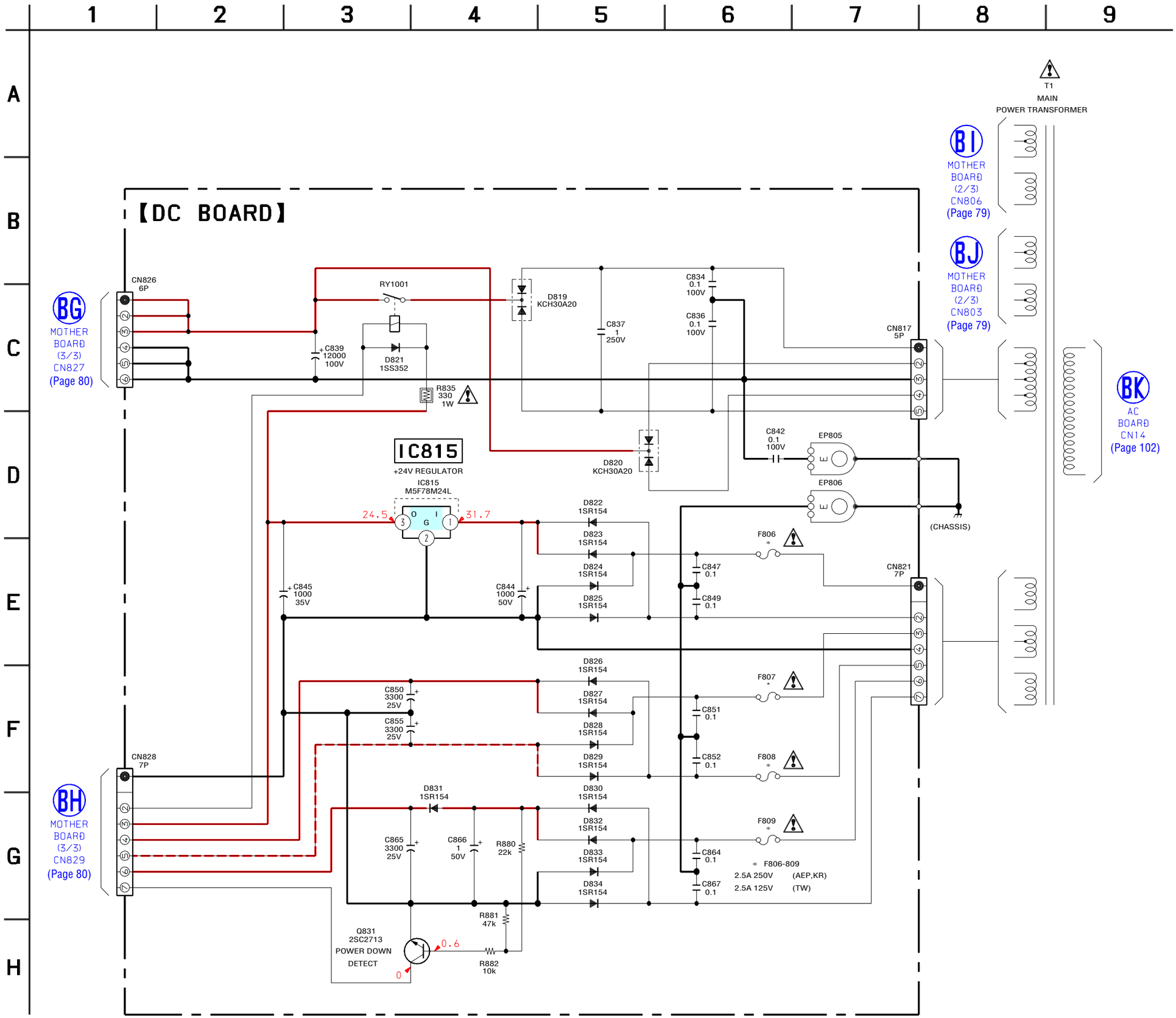
【DC BOARD】(CONDUCTOR SIDE)




- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D819 | E-4 |
| D820 | E-3 |
| D821 | D-2 |
| D822 | C-5 |
| D823 | C-5 |
| D824 | C-5 |
| D825 | C-5 |
| D826 | B-5 |
| D827 | B-5 |
| D828 | C-5 |
| D829 | B-5 |
| D830 | A-5 |
| D831 | A-4 |
| D832 | A-5 |
| D833 | B-5 |
| D834 | B-5 |
| IC815 | D-4 |
| Q831 | A-4 |

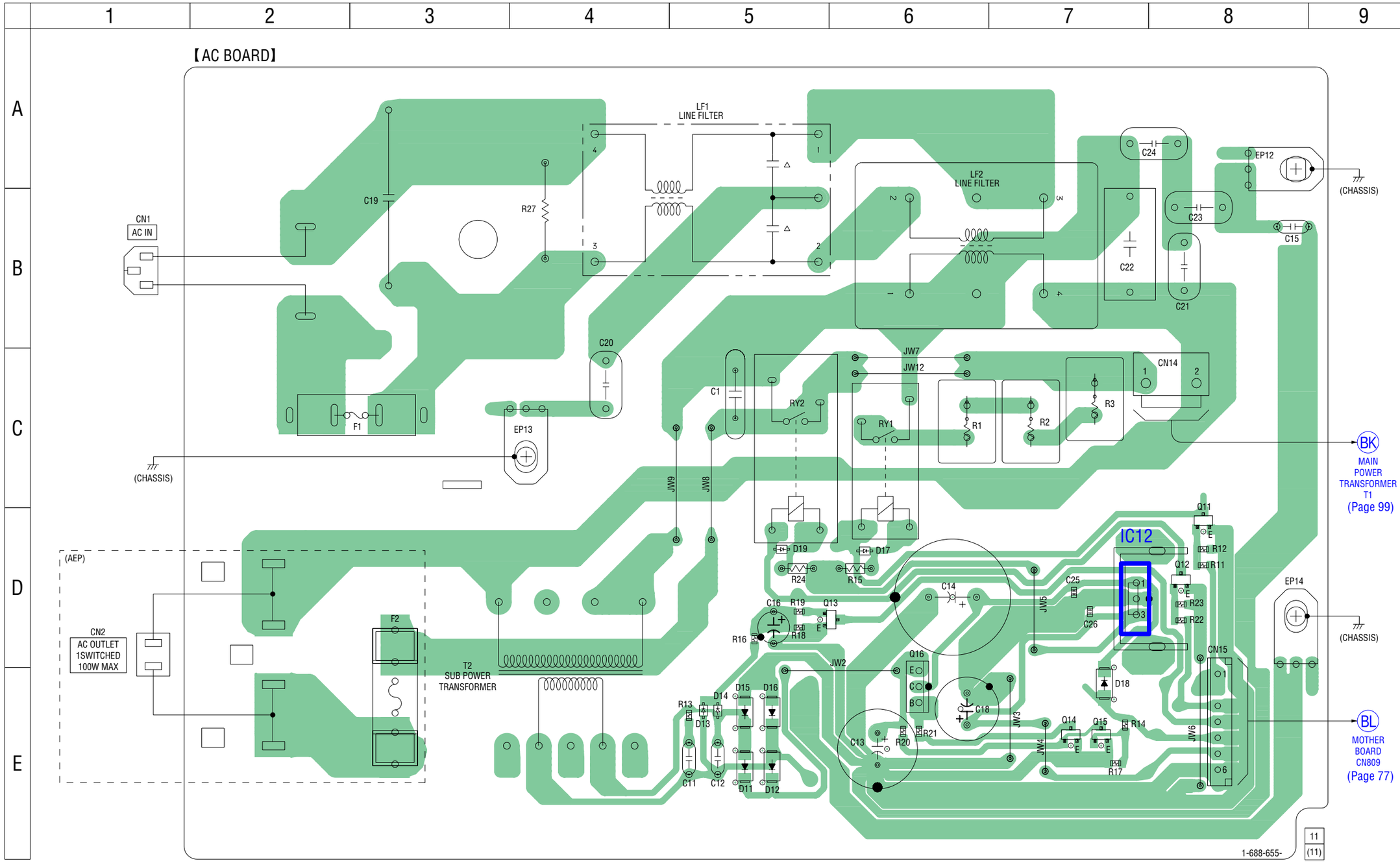
## 6-78. SCHEMATIC DIAGRAM – DC Board –




The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

## 6-79. PRINTED WIRING BOARD – AC Board –

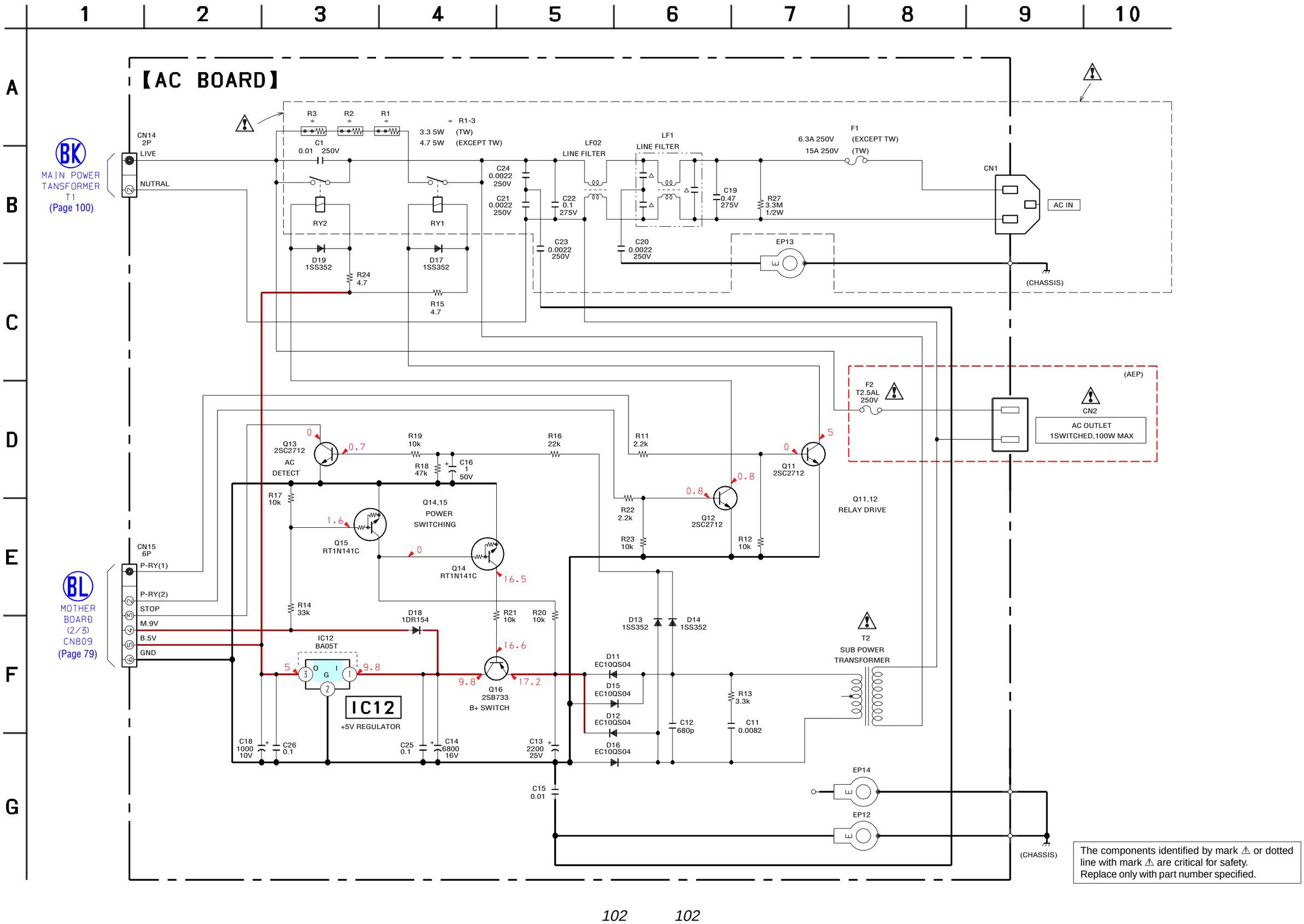
• See page 35 for Circuit Boards Location. :Uses unleaded solder.




• **Semiconductor Location**

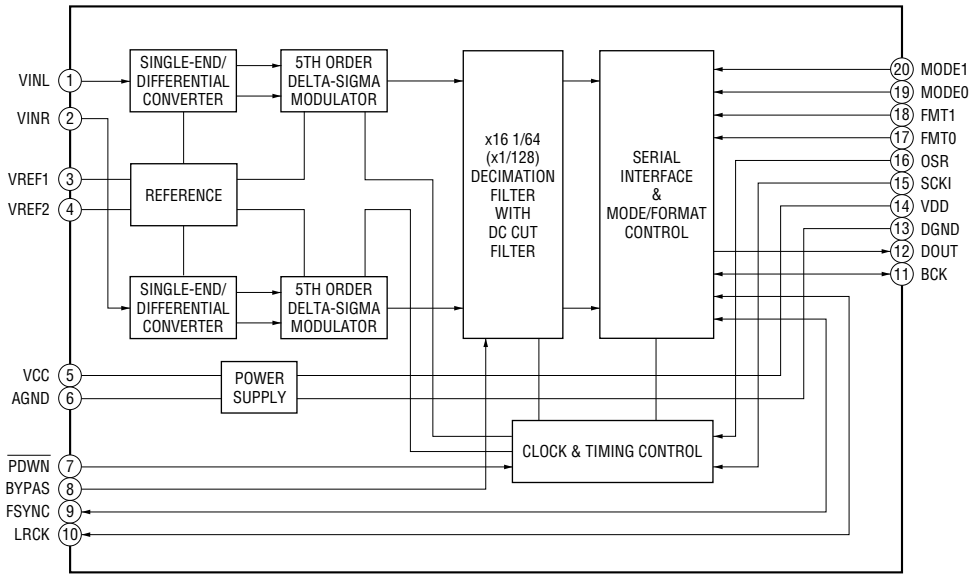
| Ref. No. | Location |
|---|---|
| D11 | E-5 |
| D12 | E-5 |
| D13 | E-5 |
| D14 | E-5 |
| D15 | E-5 |
| D16 | E-5 |
| D17 | D-6 |
| D18 | E-7 |
| D19 | D-5 |
| IC12 | D-7 |
| Q11 | D-8 |
| Q12 | D-8 |
| Q13 | D-6 |
| Q14 | E-7 |
| Q15 | E-7 |
| Q16 | E-6 |

## 6-80. SCHEMATIC DIAGRAM – AC Board –

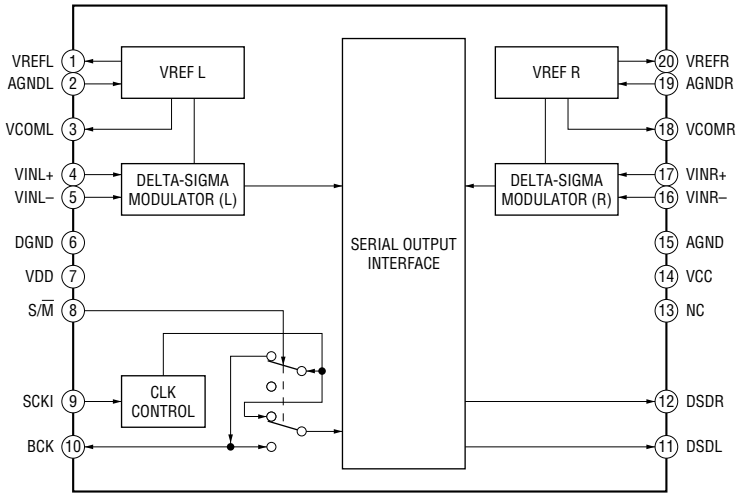


• **IC Block Diagrams**
**– DIGITAL Board –**

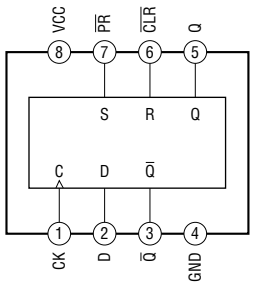
### IC2001 PCM1802DBR



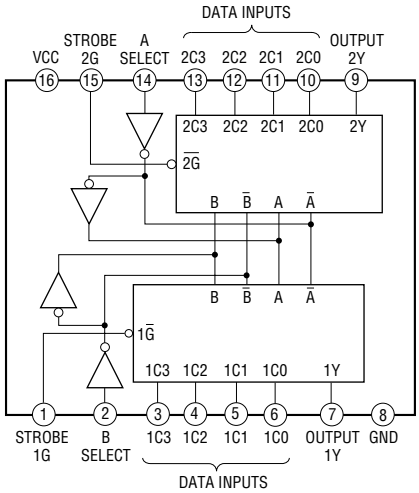

### IC2011, 2021, 2031, 2041 DSD1800DBR



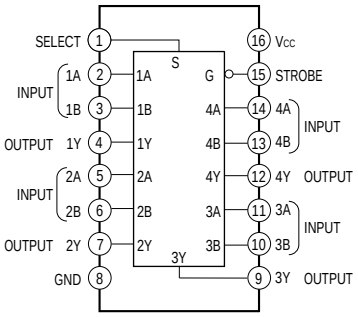

### IC2051, 2305, 2430, 2512 TC7WH74FU (TE12R)



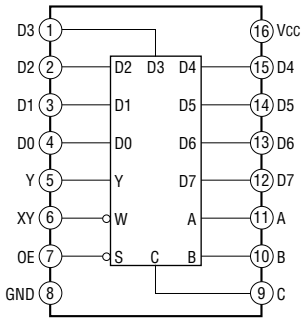

### IC2052 TC74VHC153FT (EL)



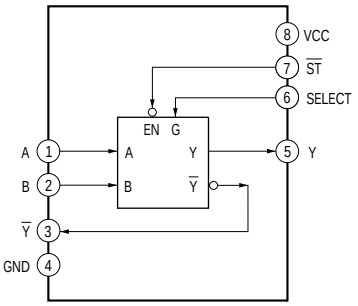
### IC2063, 2064 TC74VHC157FT (EL)



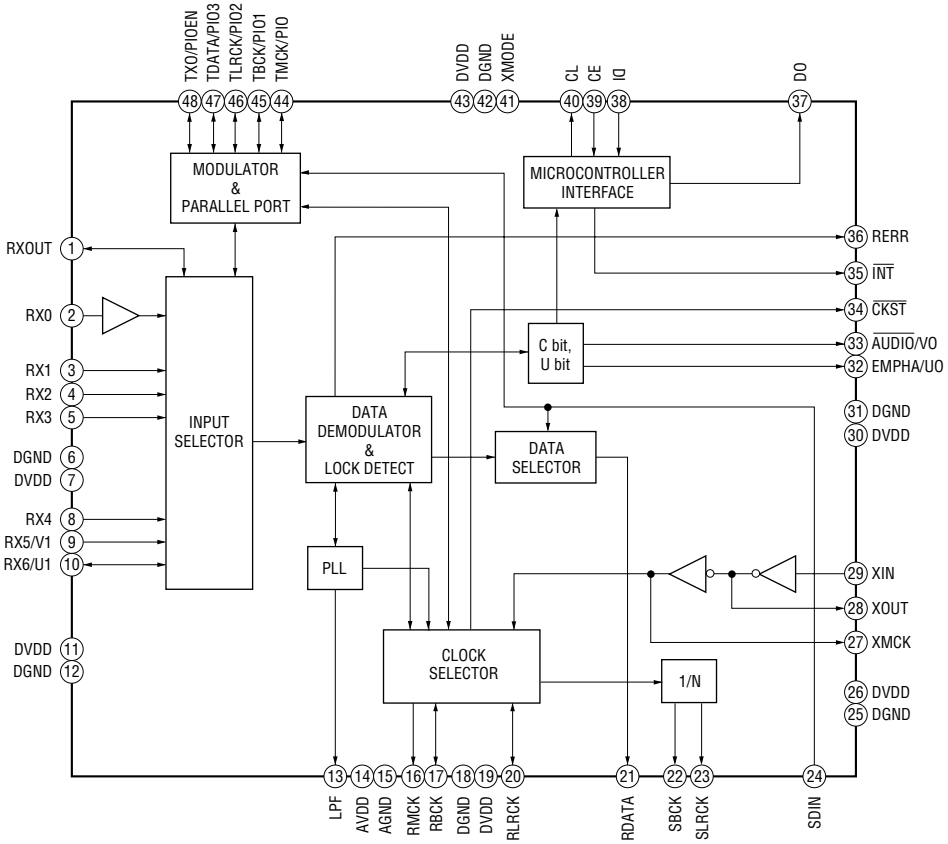

### IC2093 TC74HC151AF (EL)



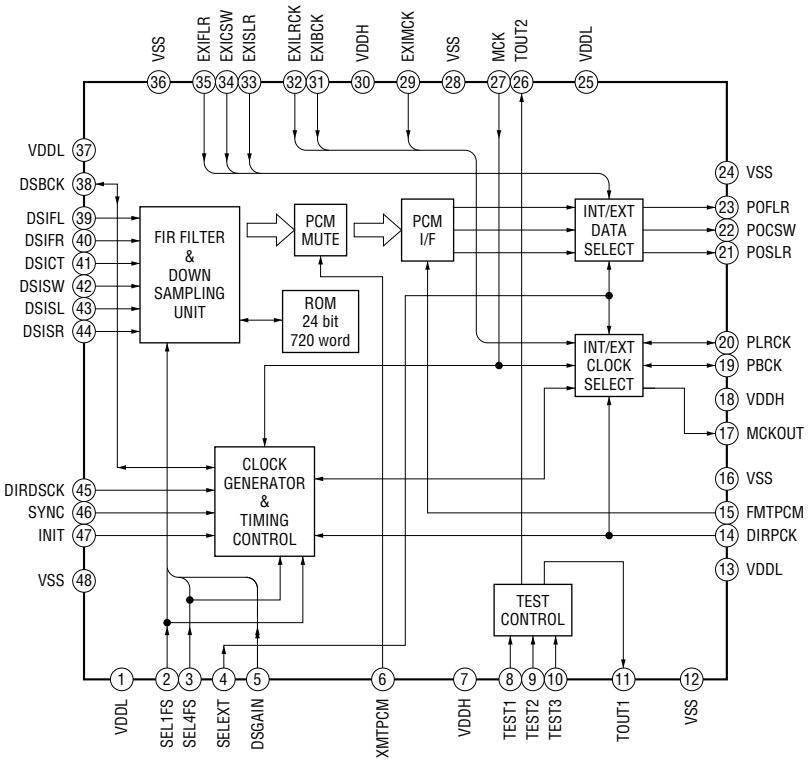

### IC2095, 2204, 2207, 2209, 2306, 2307, 2602 TC7WH157FU (TE12R)



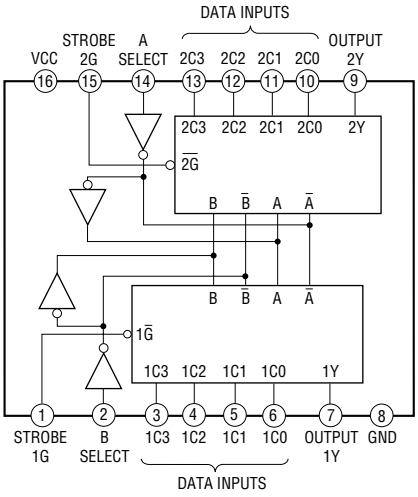

### IC2121 LC89057W-VF4-E



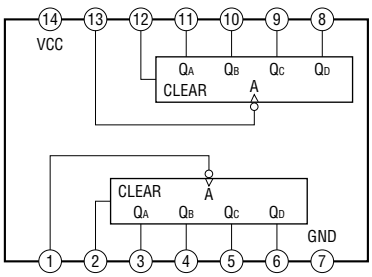
## IC2161, 2163 CXD9742Q



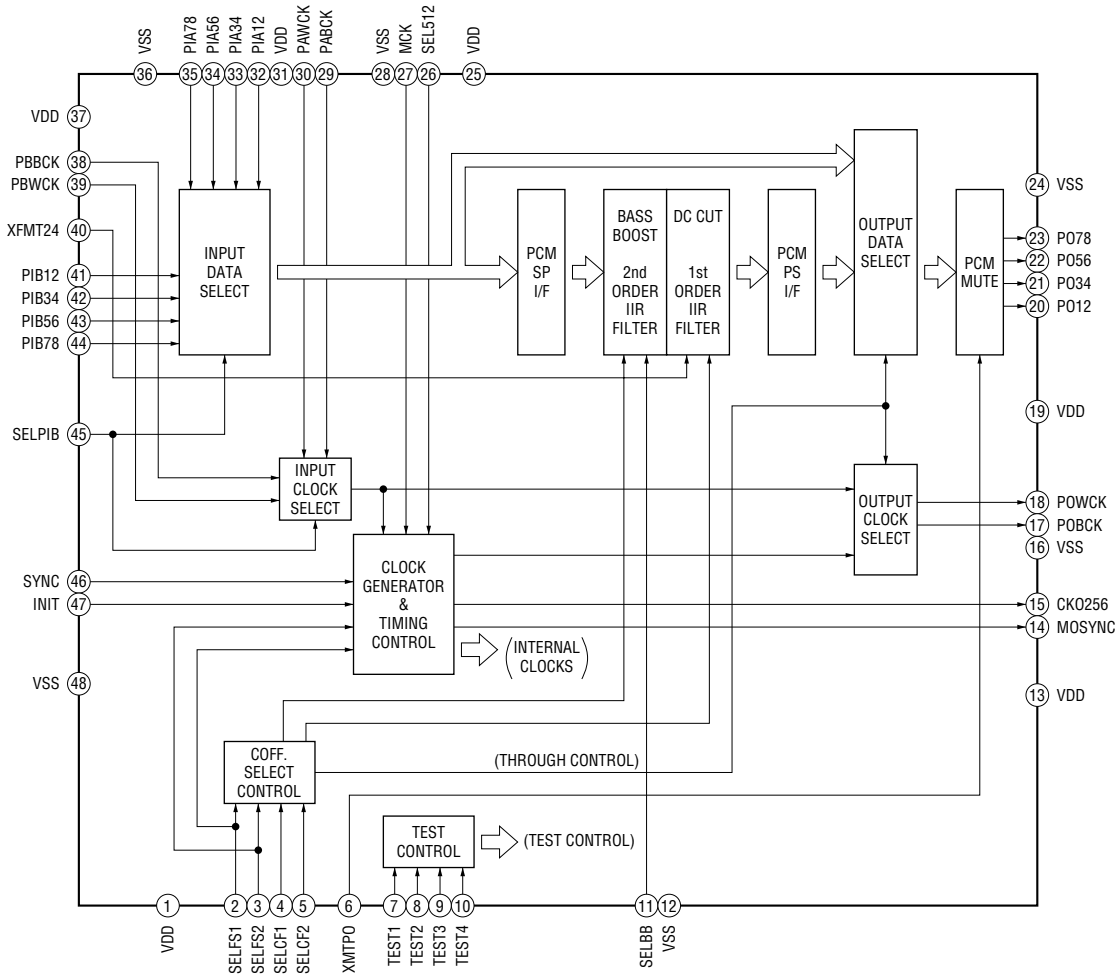

## IC2205, 2208 SN74HC153ANS



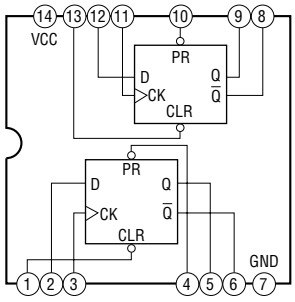

## IC2210 TC74VHC393FT (EL)



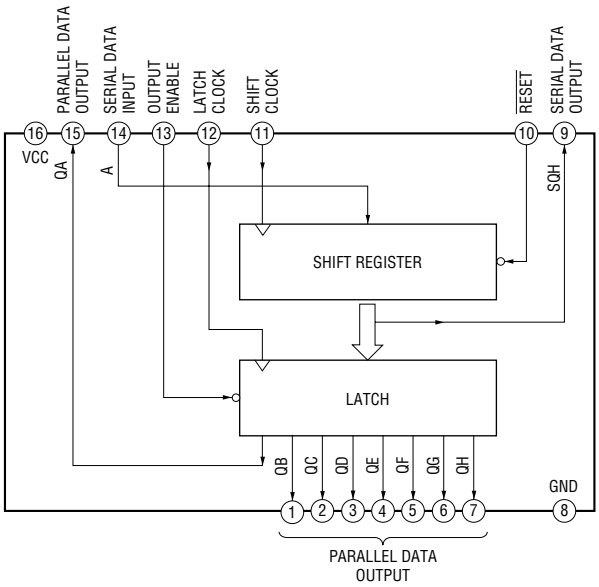
## IC2401 CXD9776AQ



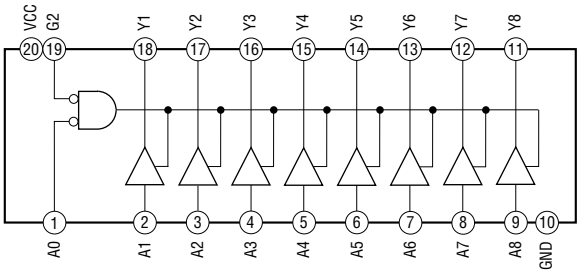

## IC2429 TC74VHC74FT (EL)



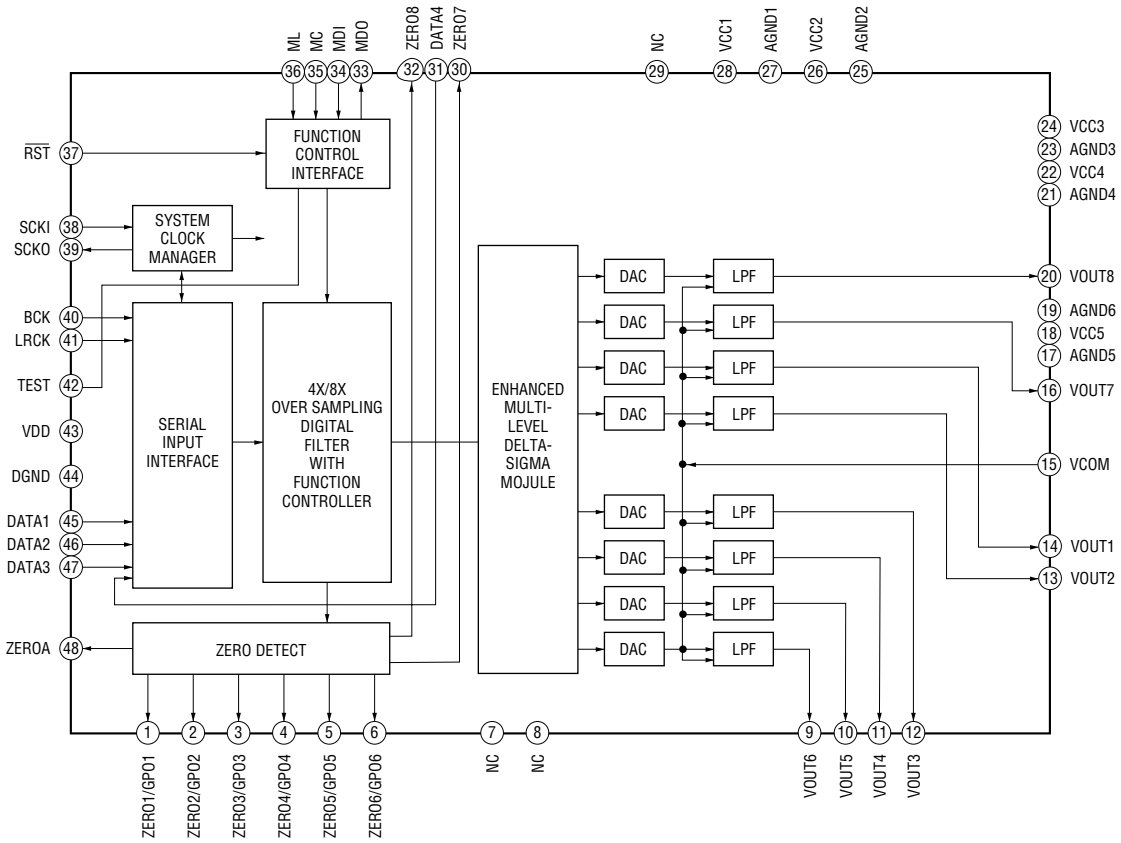

## IC2451, 2461, 2462 TC74HC595AF (EL)



## IC2501, 2504 TC74VHC541FT (EL)

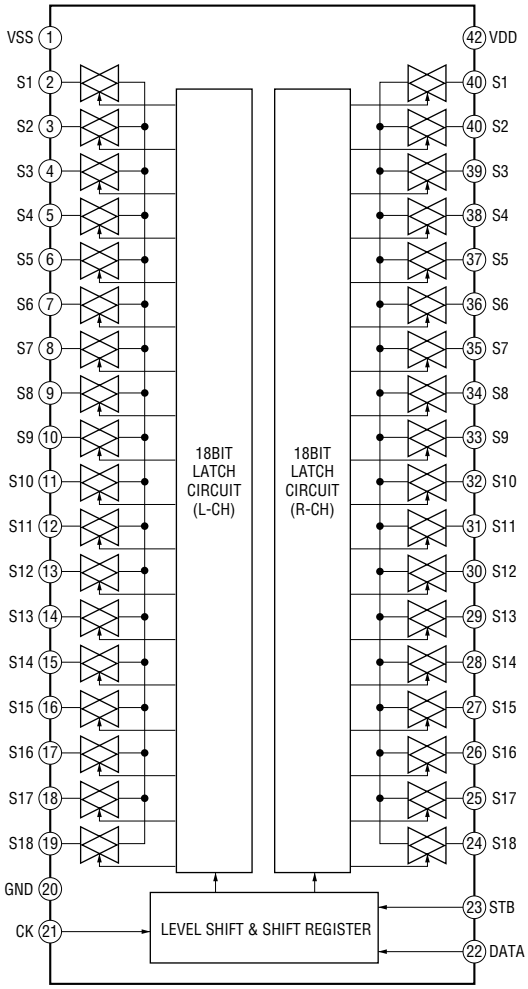



## IC2901 PCM1609KPTR

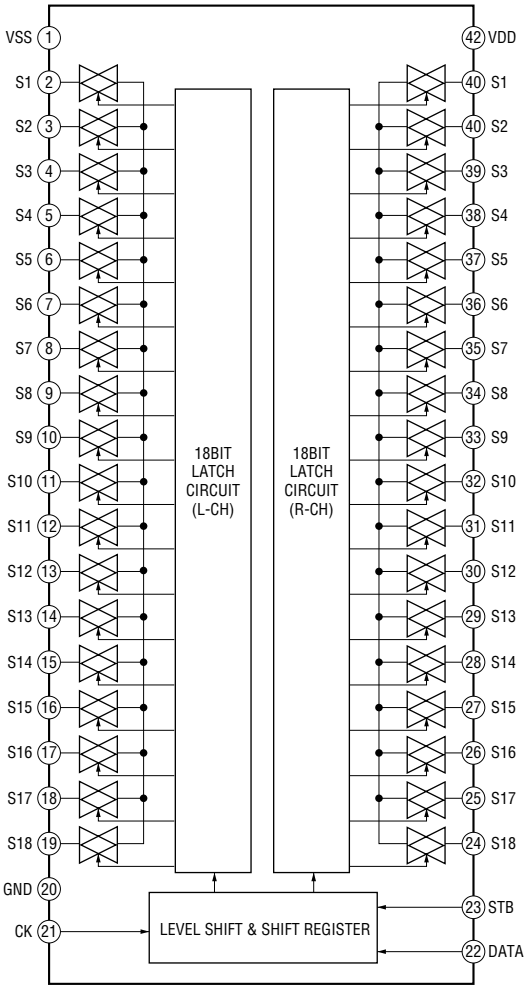


**– MAIN Board –**

**IC101, 102 TC9274N-016**

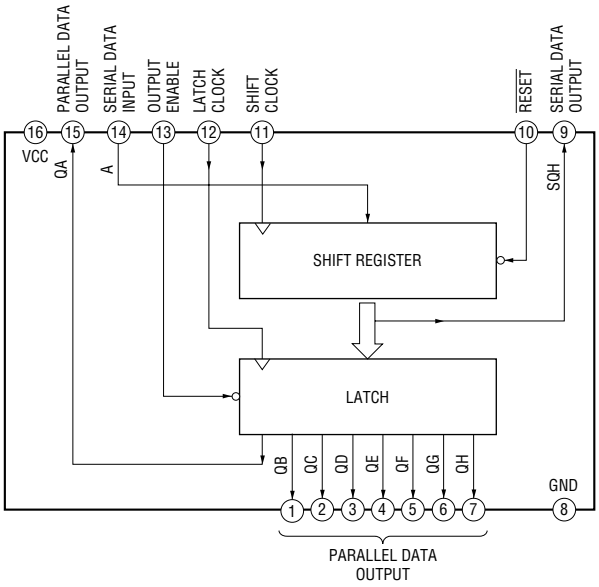



**IC103, 105 TC9274N-015**

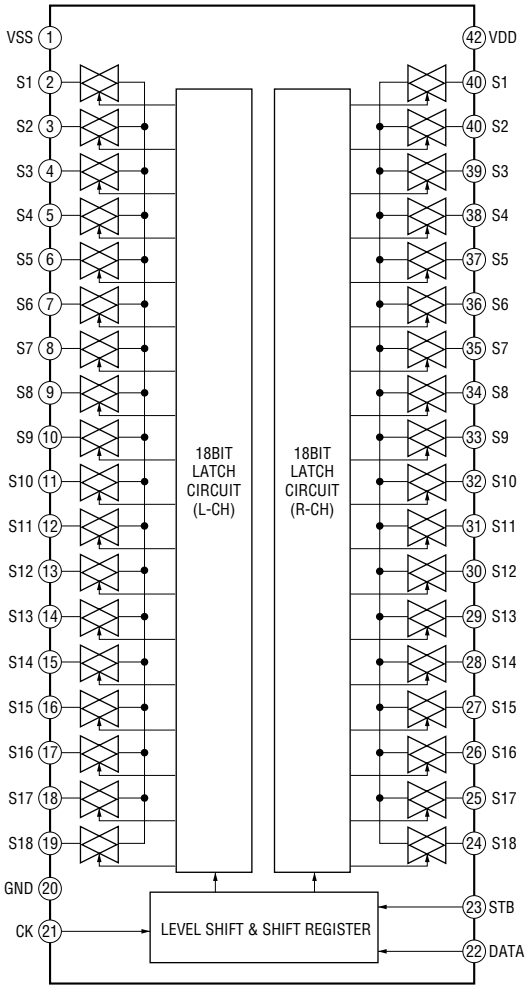


**– SUB Board –**

## IC1005 TC74HC595AF (EL)

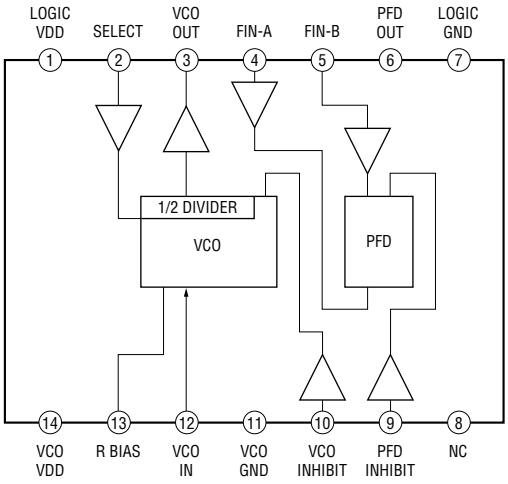



## IC1010, 1015 TC9274N-015

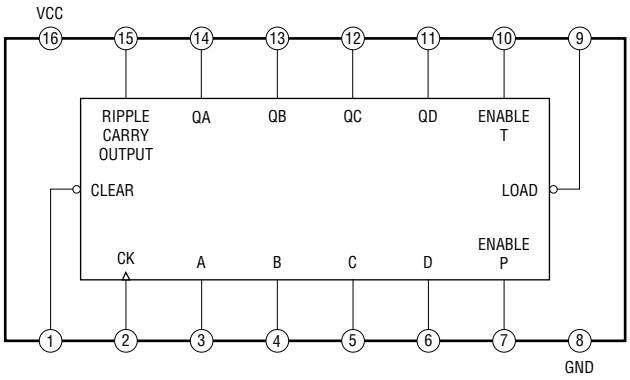


**– I. LINK Board –**

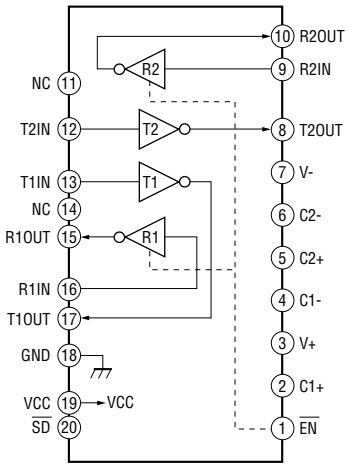
### IC3005 TLC2932IPWR




### IC3006, 3009 TC74HC161AF

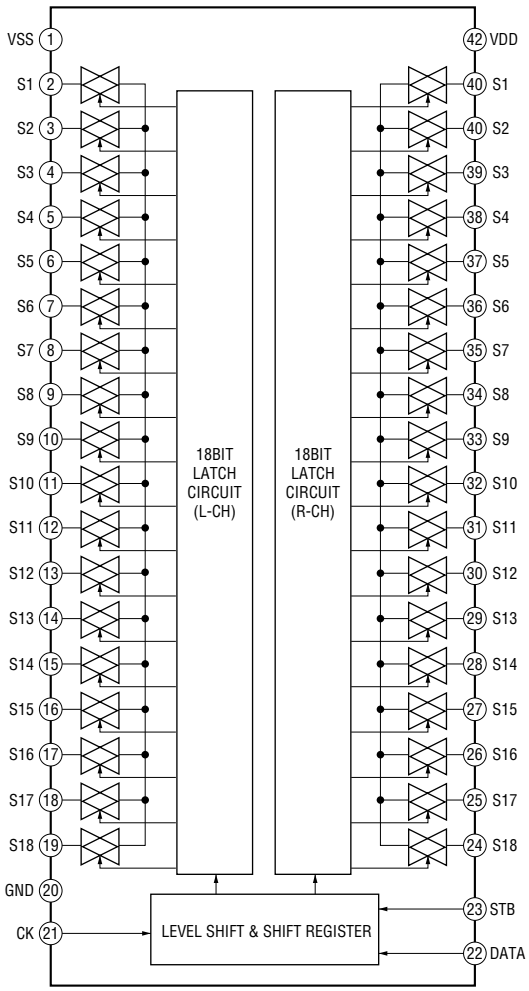



### IC3501 ADM3222ARU-REEL



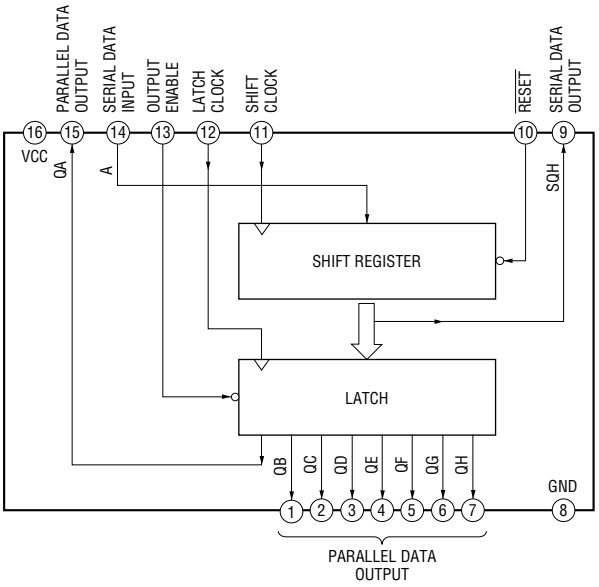

**– PREOUT Board –**

### IC1205 TC9274N-016

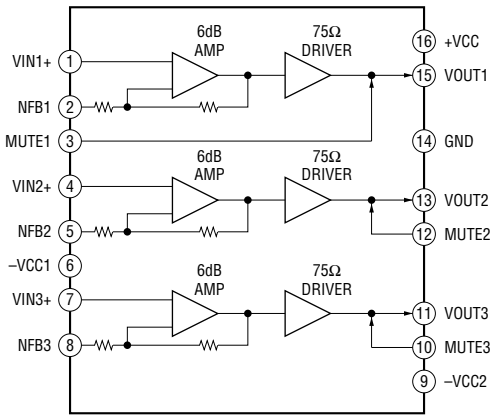


**– VIDEO Board –**

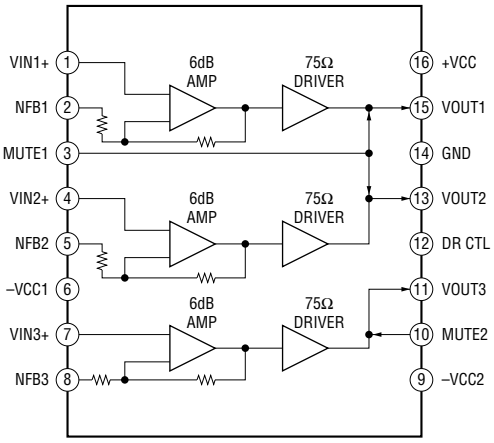
## IC302, 303 TC74HC595AF (EL)



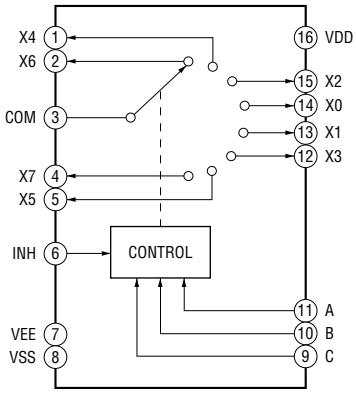

## IC304 LA7108M-TLM



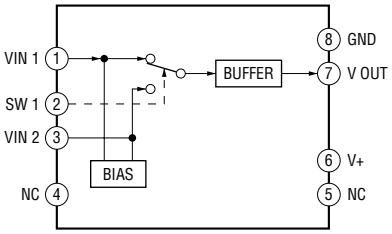

## IC305 LA7106M-TLM




## IC306, 307 MC14051BF

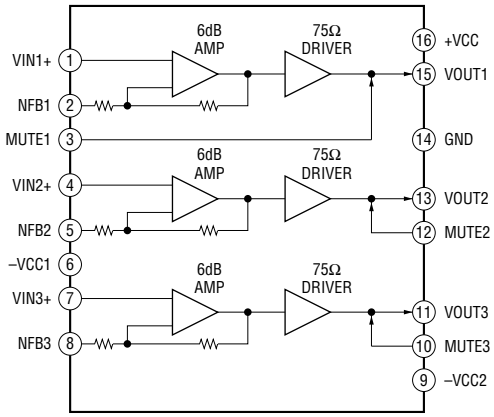



## IC308 NJM2233BM

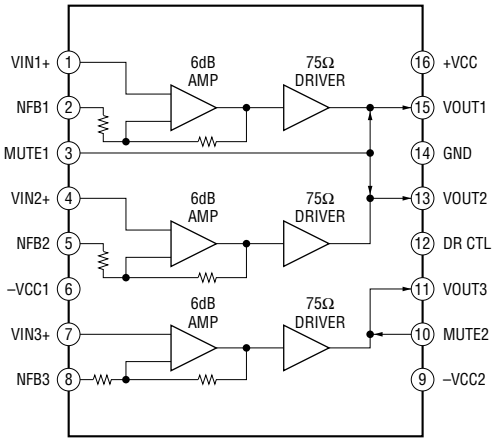


**– S-VIDEO Board –**

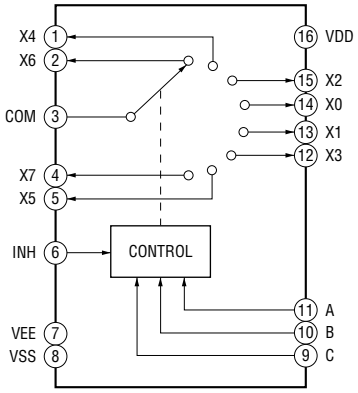
### IC401, 402 LA7108M-TLM



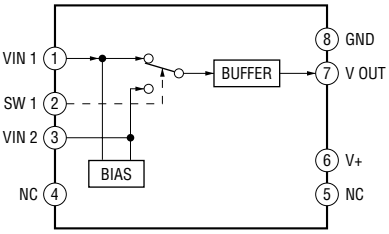

### IC403, 404 LA7106M-TLM




### IC406 – 410 MC14051BF

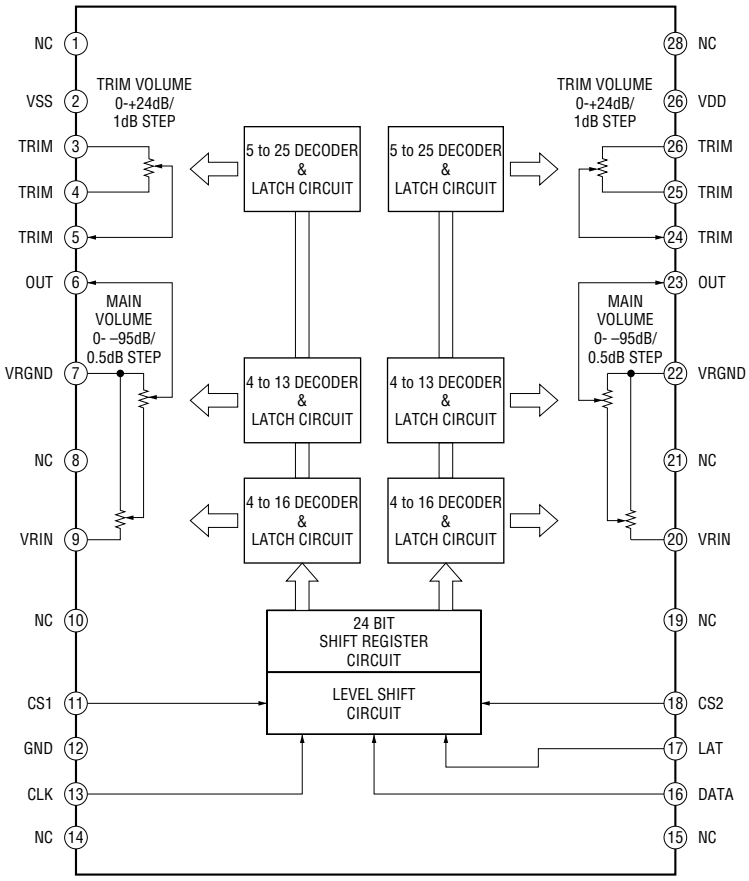



### IC411, 412 NJM2233BM

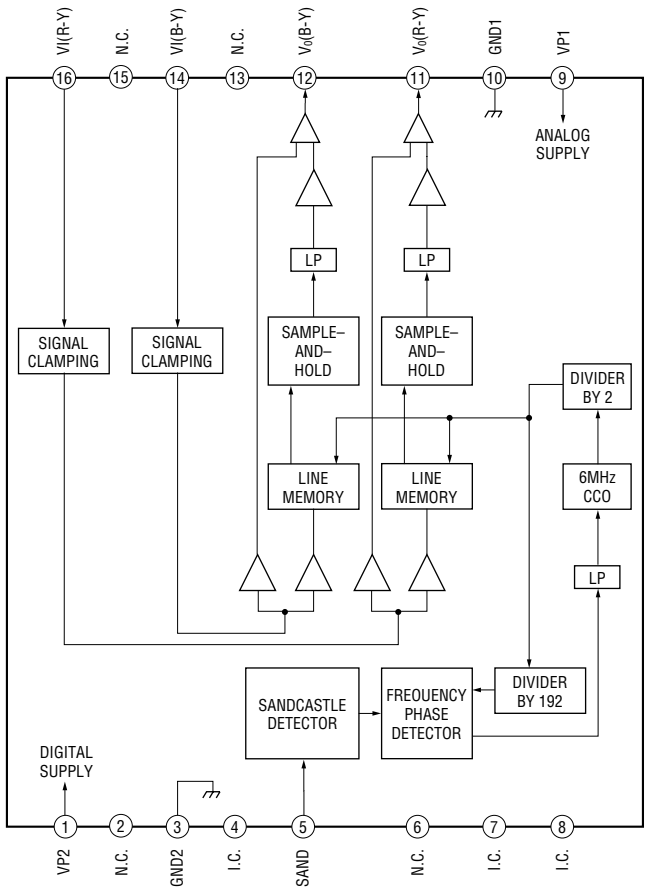


**– COMPONENT Board –**

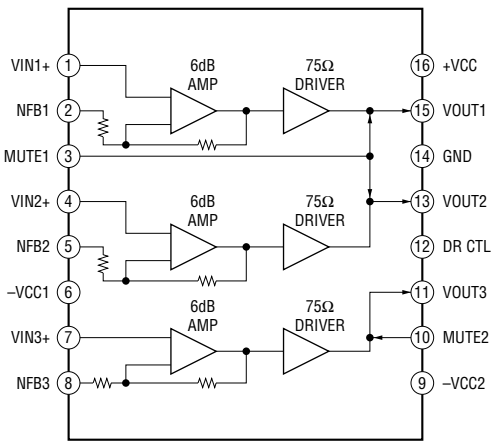
## IC1302, 1305, 1307, 1313 CXD9725M



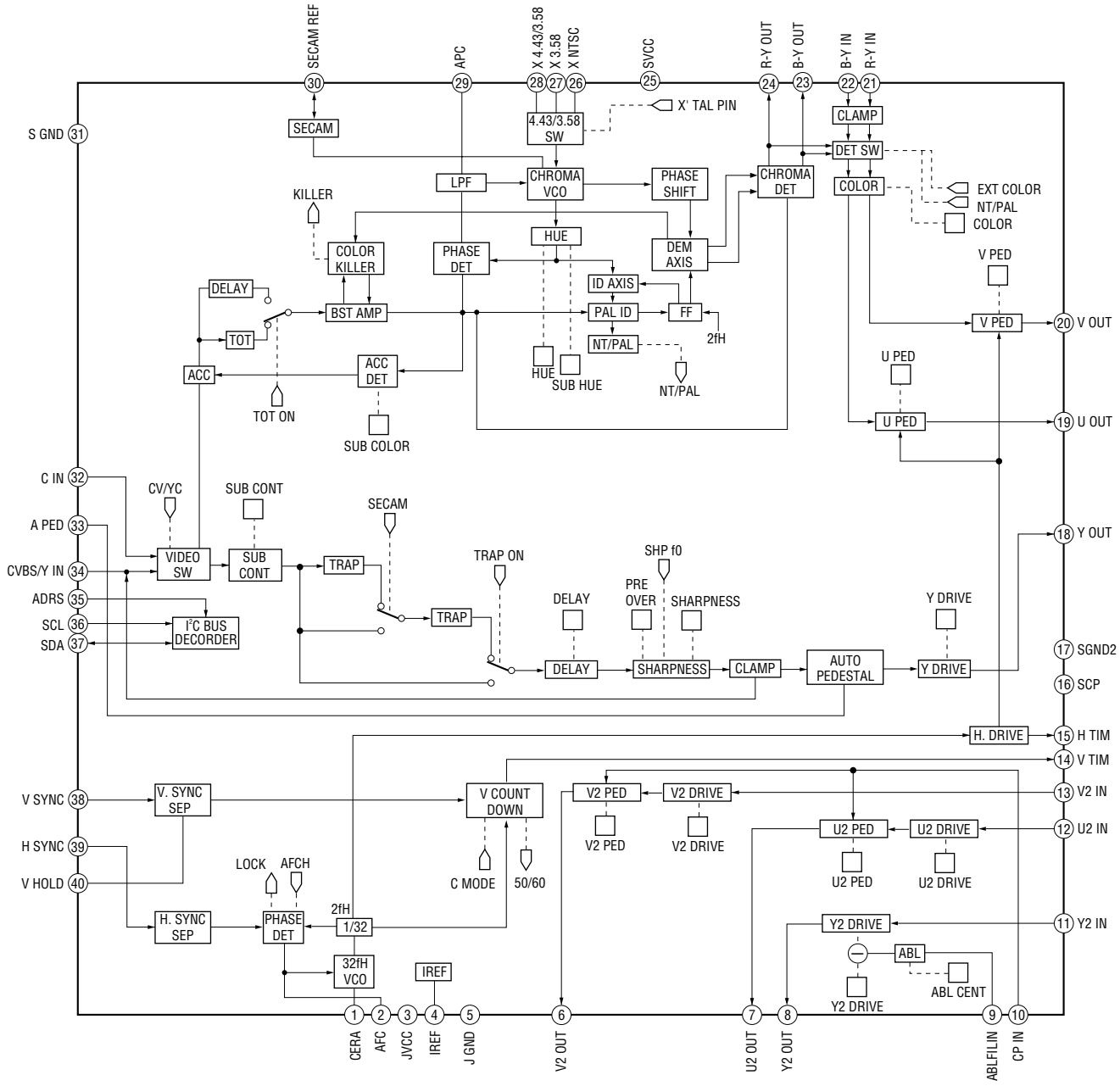

## IC1318 TDA4665T/V5-118



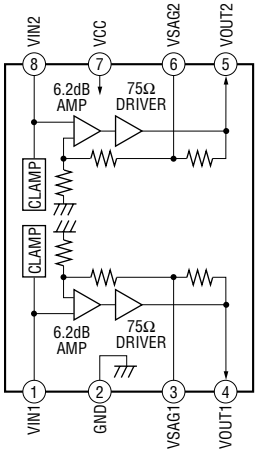

## IC1319 LA7106M-TLM



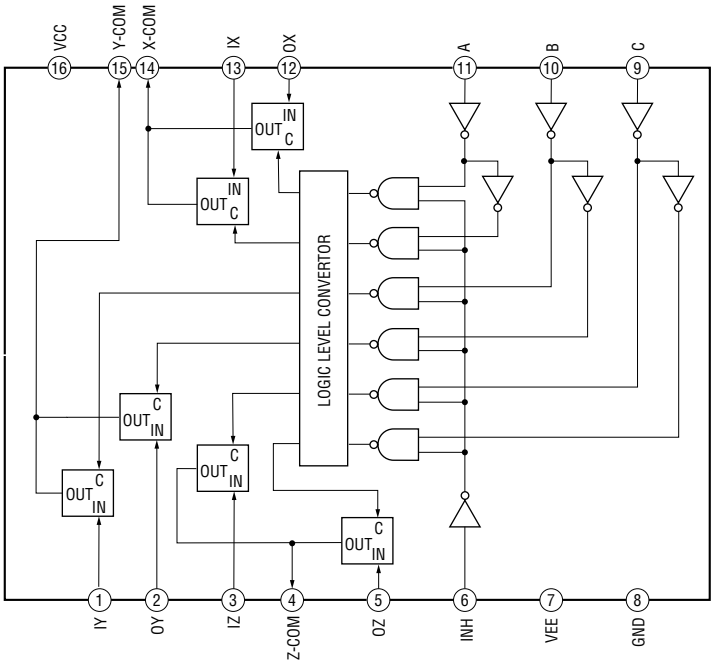
## IC1320 CXA2199Q



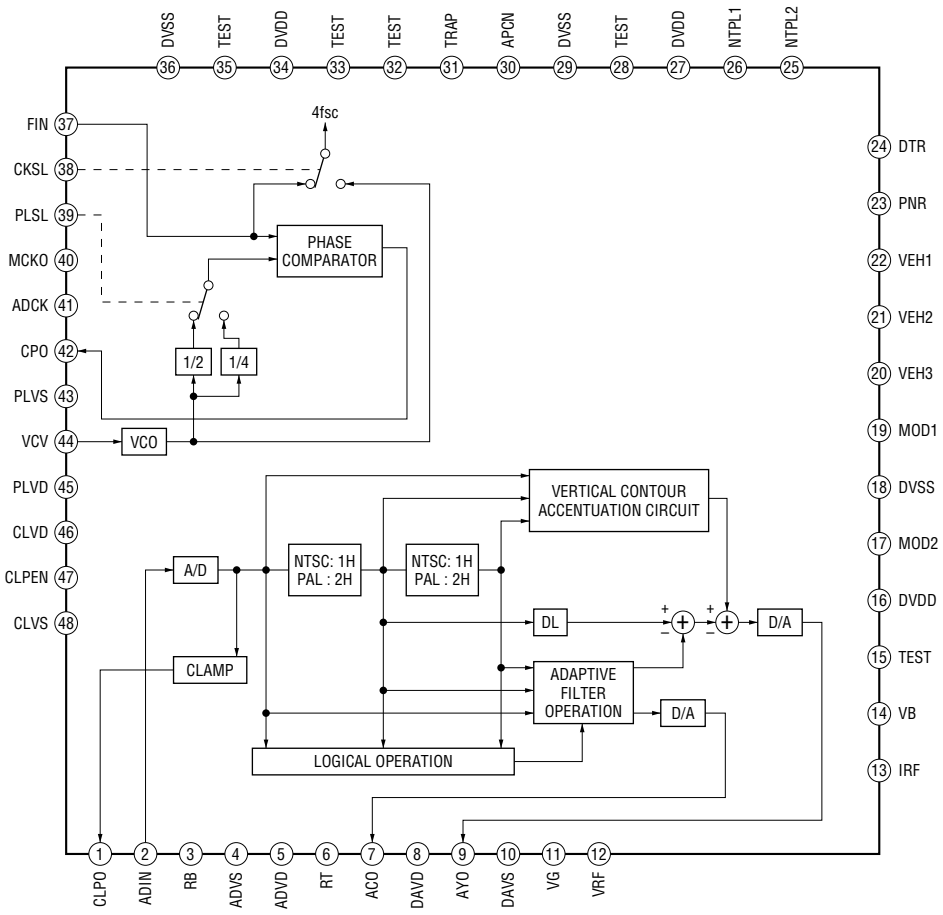

## IC1321 NJM2267M (TE2)



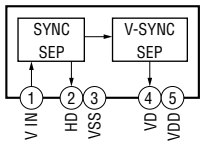
## IC1322, 1324, 1327 TC74HC4053AFEL



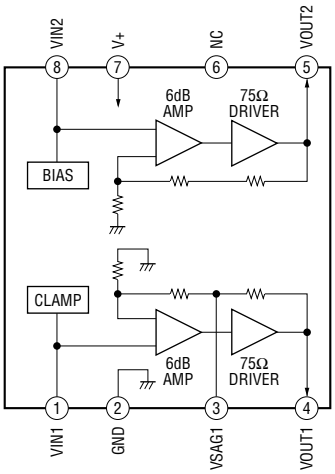

## IC1323 CXD2064Q



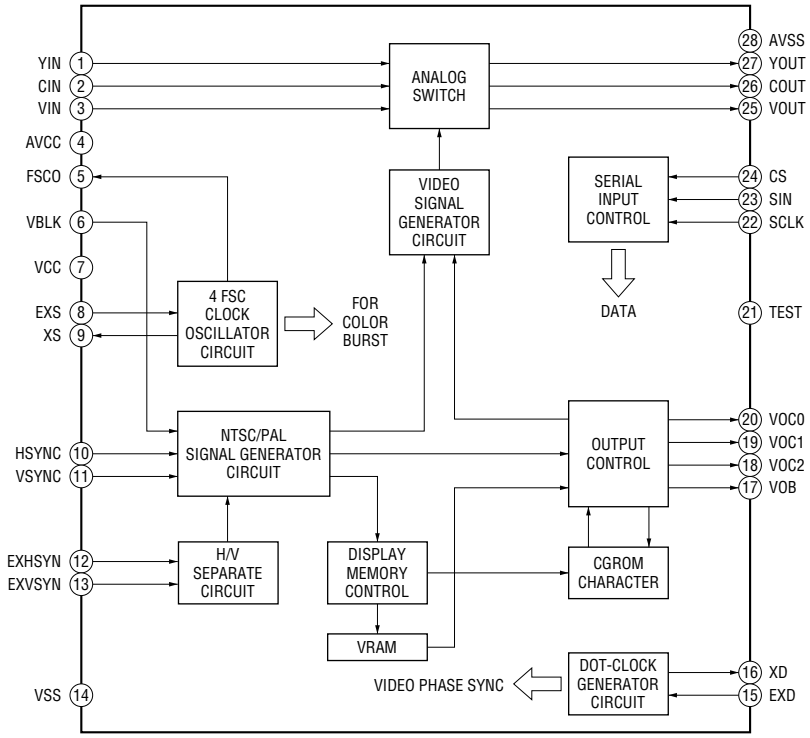

## IC1325, 1328 LA7213



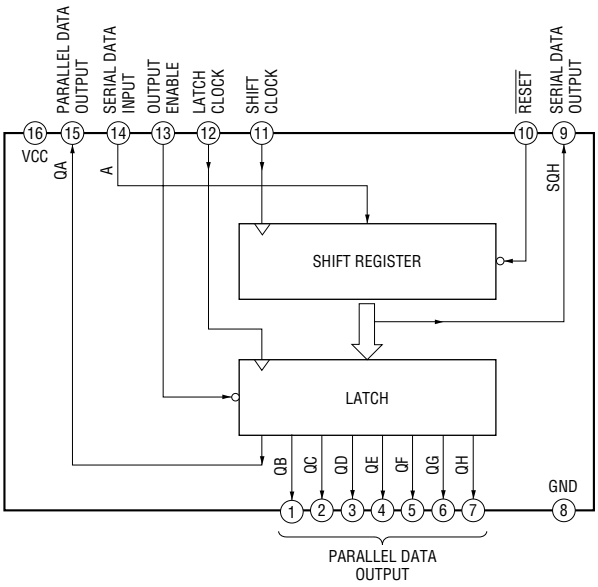
## IC1326 NJM2268M




## IC1329 MB90089F-G-238-BND

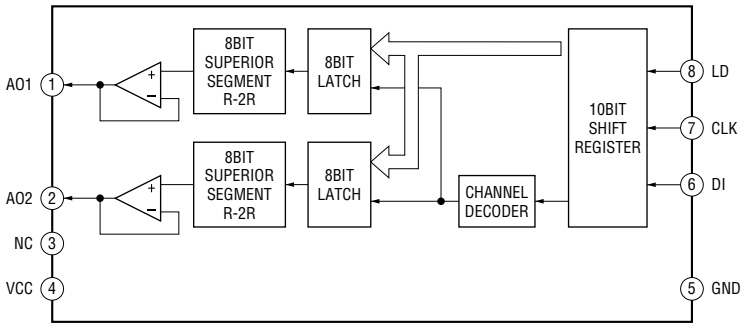



## IC1330, 1332 TC74HC595AF (EL)



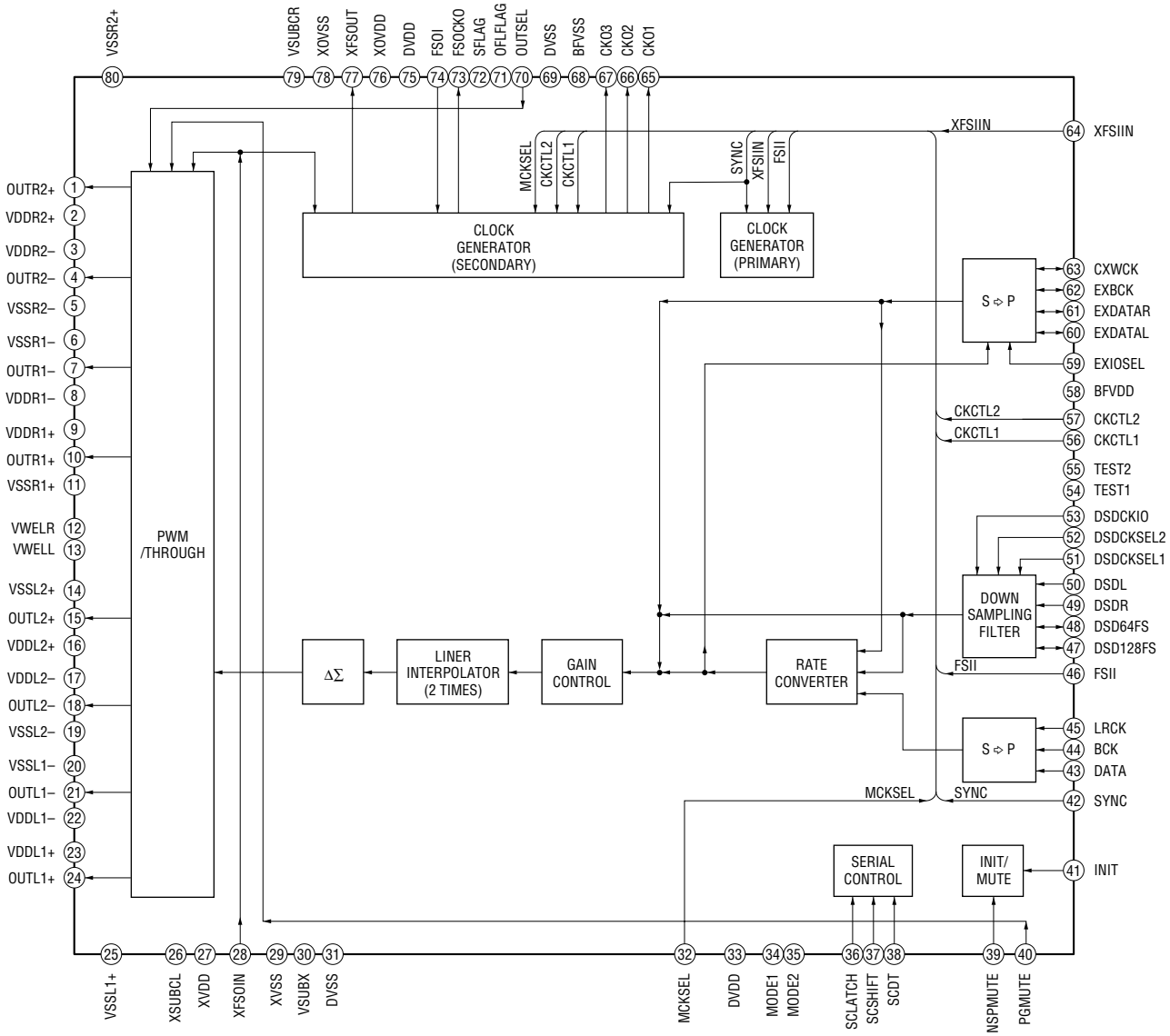
**– MOTHER Board –**

**IC819 M62342FP**



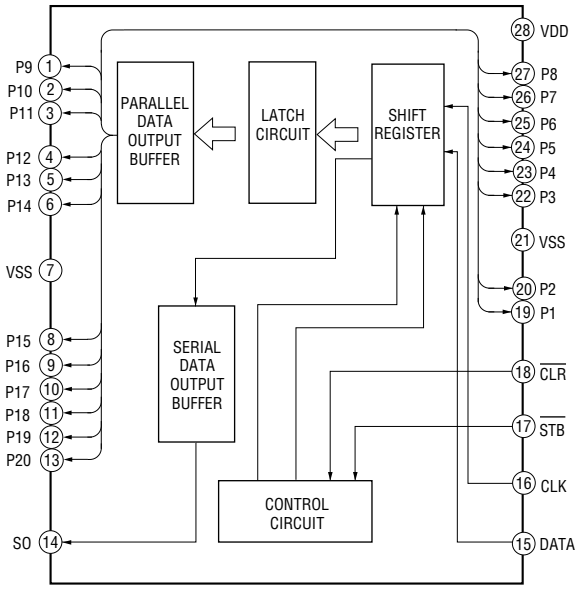

**– AMP Board –**

**IC1504, 1505, 1516, 1517 CXD9730Q**



**– DISP Board –**

**IC702, 703 NJU3718G (TE2)**



## 6-81. IC PIN FUNCTION DESCRIPTION

**• DIGITAL BOARD IC2201 CXD9718Q (DSP1)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | VSS | — | Ground terminal |
| 2 | XRST | I | System reset signal input from the main system controller "L": reset |
| 3 | EXTIN | I | Master clock signal input terminal Not used |
| 4 | FS2 | I | Sampling frequency selection signal input terminal Not used |
| 5 | VDDI | — | Power supply terminal (+2.6V) |
| 6 | FS1 | I | Sampling frequency selection signal input terminal Not used |
| 7 | PLOCK | O | Internal PLL lock signal output terminal Not used |
| 8 | VSS | — | Ground terminal |
| 9 | MCLK1 | I | System clock input terminal (13.5 MHz) |
| 10 | VDDI | — | Power supply terminal (+2.6V) |
| 11 | VSS | — | Ground terminal |
| 12 | MCLK2 | O | System clock output terminal (13.5 MHz) |
| 13 | MS | I | Master/slave setting terminal "L": internal clock, "H": external clock<br>Fixed at "L" in this set |
| 14 | SCKOUT | O | Internal system clock output terminal Not used |
| 15 | LRCKI1 | I | L/R sampling clock signal (44.1 kHz) input from the digital audio interface receiver, decimation filter and i-link interface |
| 16 | VDDE | — | Power supply terminal (+3.3V) |
| 17 | BCKI1 | I | Bit clock signal (2.8224 MHz) input from the digital audio interface receiver, decimation filter and i-link interface |
| 18 | SDI1 | I | Audio serial data input from the A/D converter and decimation filter |
| 19 | LRCKO | O | L/R sampling clock signal (44.1 kHz) output to the DSP2 |
| 20 | BCKO | O | Bit clock signal (2.8224 MHz) output to the DSP2 |
| 21 | VSS | — | Ground terminal |
| 22 | KFSIO | I | Audio clock signal input terminal |
| 23 to 26 | SDO1 to SDO4 | O | Audio serial data output to the DSP2 |
| 27 | SPDIF | O | SPDIF signal output terminal Not used |
| 28 | LRCKI2 | I | L/R sampling clock signal (44.1 kHz) input from the digital audio interface receiver, decimation filter and i-link interface |
| 29 | BCKI2 | I | Bit clock signal (2.8224 MHz) input from the digital audio interface receiver, decimation filter and i-link interface |
| 30 | SDI2 | I | Audio serial data input from the digital audio interface receiver, decimation filter and i-link interface |
| 31 | VSS | — | Ground terminal |
| 32 | HACN | O | Acknowledge signal output to the main system controller |
| 33 | HDIN | I | Serial data input from the main system controller |
| 34 | HCLK | I | Serial data transfer clock signal input from the main system controller |
| 35 | HDOUT | O | Serial data output to the main system controller |
| 36 | HCS | I | Chip select input from the main system controller |
| 37 | SDCLK | I | Write signal input terminal Not used |
| 38 | CLKEN | O | SD-RAM chip enable output terminal Not used |
| 39 | RAS | O | Row address strobe signal output terminal Not used |
| 40 | VDDI | — | Power supply terminal (+2.6V) |
| 41 | VSS | — | Ground terminal |
| 42 | CAS | O | Column address strobe signal output terminal Not used |
| 43 | DQM/OE0 | O | Output terminal of data input/output mask Not used |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 44 | CS0 | O | Chip select signal output to the S-RAM |
| 45 | WE0 | O | Write enable signal output to the S-RAM |
| 46 | VDDE | — | Power supply terminal (+3.3V) |
| 47 | WMD1 | I | External memory wait mode setting terminal Fixed at “H” in this set |
| 48 | VSS | — | Ground terminal |
| 49 | WMD0 | I | External memory wait mode setting terminal Fixed at “H” in this set |
| 50 | PAGE2 | O | External memory page selection signal output terminal Not used |
| 51 | VSS | — | Ground terminal |
| 52, 53 | PAGE1, PAGE0 | O | External memory page selection signal output terminal Not used |
| 54 | BOOT | I | Boot mode control signal input terminal Not used |
| 55 | BTACT | O | Boot mode state display signal output terminal Not used |
| 56 | BST | I | Boot strap signal input from the main system controller |
| 57 | MOD1 | I | Operation mode setting terminal “L”: enhanced mode, “H”: normal mode<br>Fixed at “H” in this set |
| 58 | MOD0 | I | Operation mode setting terminal “L”: single chip mode, “H”: can not use<br>Fixed at “L” in this set |
| 59 | EXLOCK | I | PLL lock error signal and data error flag input from the digital audio interface receiver |
| 60 | VDDI | — | Power supply terminal (+2.6V) |
| 61 | VSS | — | Ground terminal |
| 62, 63 | A17, A16 | O | Address signal output terminal Not used |
| 64 to 66 | A15 to A13 | O | Address signal output to the S-RAM |
| 67 | GP10 | O | Not used |
| 68 | GP9 | O | Read ready signal output to the main system controller |
| 69 | GP8 | I | PCM audio data input from the digital audio interface receiver or i-link system controller |
| 70 | VDDI | — | Power supply terminal (+2.6V) |
| 71 | VSS | — | Ground terminal |
| 72 to 75 | D15 to D12 | I/O | Two-way data bus with the S-RAM |
| 76 | VDDE | — | Power supply terminal (+3.3V) |
| 77 to 80 | D11 to D8 | I/O | Two-way data bus with the S-RAM |
| 81 | VSS | — | Ground terminal |
| 82 to 85 | A9, A12 to A10 | O | Address signal output to the S-RAM |
| 86 | TDO | O | Simplicity emulation data output terminal Not used |
| 87 | TMS | I | Simplicity emulation data input start and end terminal Not used |
| 88 | XTRST | I | Simplicity emulation non-sync break signal input terminal Not used |
| 89 | TCK | I | Simplicity emulation clock signal input terminal Not used |
| 90 | TDI | I | Simplicity emulation data input terminal Not used |
| 91 | VSS | — | Ground terminal |
| 92 to 97 | A8 to A3 | O | Address signal output to the S-RAM |
| 98, 99 | D7, D6 | I/O | Two-way data bus with the S-RAM |
| 100 | VDDI | — | Power supply terminal (+2.6V) |
| 101 | VSS | — | Ground terminal |
| 102 to 105 | D5 to D2 | I/O | Two-way data bus with the S-RAM |
| 106 | VDDE | — | Power supply terminal (+3.3V) |
| 107, 108 | D1, D0 | I/O | Two-way data bus with the S-RAM |
| 109, 110 | A2, A1 | O | Address signal output to the S-RAM |
| 111 | VSS | — | Ground terminal |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 112 | A0 | O | Address signal output to the S-RAM |
| 113 | PM | I | PLL initialize signal input from the main system controller |
| 114, 115 | SDI3, SDI4 | I | Audio serial data input from the decimation filter |
| 116 | SYNC | I | Sync/non-sync setting terminal "L": sync, "H": non-sync Fixed at "H" in this set |
| 117 | TST2 | O | Output terminal for the test Not used |
| 118 | VSS | — | Ground terminal |
| 119 | TST2 | O | Output terminal for the test Not used |
| 120 | VDDI | — | Power supply terminal (+2.6V) |

• **DIGITAL BOARD IC2251 CXD9782R (DSP2)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | VDDI | — | Power supply terminal (+2.6V) |
| 2 | EXTIN | I | Master clock signal input terminal Not used |
| 3, 4 | WMD1, WMD0 | I | External memory wait mode setting terminal Fixed at "H" in this set |
| 5 | MOD1 | I | Operation mode setting terminal "L": enhanced mode, "H": normal mode<br>Fixed at "H" in this set |
| 6 | MOD0 | I | Operation mode setting terminal "L": single chip mode, "H": can not use<br>Fixed at "L" in this set |
| 7 | VSS | — | Ground terminal |
| 8 | XRST | I | System reset signal input from the main system controller "L": reset |
| 9 | VSS | — | Ground terminal |
| 10 | SCKOUT | O | Internal serial clock signal output terminal Not used |
| 11 | VDDI (PLL) | — | Power supply terminal (+2.6V) (for PLL) |
| 12 | SYNC | I | Sync/non-sync setting terminal "L": sync, "H": non-sync Fixed at "H" in this set |
| 13 to 15 | PAGE2 to PAGE0 | O | External memory page selection signal output terminal Not used |
| 16 | PLOCK | O | Internal PLL lock signal output terminal Not used |
| 17 | BTACK | O | Boot mode state display signal output terminal Not used |
| 18 | VDDE | — | Power supply terminal (+3.3V) |
| 19 | VSS | — | Ground terminal |
| 20 to 22 | D31 to D29 | I/O | Two-way data bus with the S-RAM |
| 23 | A17 | O | Address signal output terminal Not used |
| 24 | VSS | — | Ground terminal |
| 25, 26 | SDO3, SDO4 | O | Audio serial data output to the DC cut digital filter |
| 27, 28 | SDI1, SDI2 | I | Audio serial data input from the DSP1 |
| 29 | LRCKI1 | I | L/R sampling clock signal (44.1 kHz) input from the DSP |
| 30 | VSS | — | Ground terminal |
| 31, 32 | D28, D27 | I/O | Two-way data bus with the S-RAM |
| 33 | A16 | O | Address signal output terminal Not used |
| 34 | A15 | O | Address signal output to the S-RAM |
| 35 | SDI3 | I | Audio serial date input from the DSP |
| 36 | L2 | — | Not used |
| 37 | VDDI | — | Power supply terminal (+2.6V) |
| 38 | BCKI1 | I | Bit clock signal (2.8224 MHz) input from the DSP |
| 39 | SDI4 | I | Audio serial data input from the DSP |
| 40 | MS | I | Master/slave setting terminal "L": internal clock, "H": external clock<br>Fixed at "L" in this set |
| 41, 42 | A14, A13 | O | Address signal output to the S-RAM |
| 43, 44 | D26, D25 | I/O | Two-way data bus with the S-RAM |
| 45 | VSS | — | Ground terminal |
| 46 | BCKI2 | I | Bit clock signal (2.8224 MHz) input terminal Not used |
| 47, 48 | FS2, FS1 | I | Sampling frequency selection signal input terminal Not used |
| 49 | SPDIF | I | SPDIF signal input terminal Not used |
| 50 | A12 | O | Address signal output to the S-RAM |
| 51 to 53 | D24 to D22 | I/O | Two-way data bus with the S-RAM |
| 54 | VDDE | — | Power supply terminal (+3.3V) |
| 55 | VSS | — | Ground terminal |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 56 to 58 | D21 to D19 | I/O | Two-way data bus with the S-RAM |
| 59 | A11 | O | Address signal output to the S-RAM |
| 60, 61 | SDO1, SDO2 | O | Audio serial data output to the DC cut digital filter |
| 62 | KFSIO | I | Audio clock signal input terminal |
| 63 | LRCKO | O | L/R sampling clock signal (44.1 kHz) output to the DC cut digital filter |
| 64 | BCKO | O | Bit clock signal (2.8224 MHz) output to the DC cut digital filter |
| 65 | VDDI | — | Power supply terminal (+2.6V) |
| 66 | VSS | — | Ground terminal |
| 67, 68 | D18, D17 | I/O | Two-way data bus with the S-RAM |
| 69, 70 | A10, A9 | O | Address signal output to the S-RAM |
| 71 | CAS | O | Column address strobe signal output terminal Not used |
| 72 | RAS | O | Row address strobe signal output terminal Not used |
| 73 | VDDI | — | Power supply terminal (+2.6V) |
| 74 | HDIN | I | Serial data input from the main system controller |
| 75 | HCLK | I | Serial data transfer clock signal input from the main system controller |
| 76 | HCS | I | Chip select signal input from the main system controller |
| 77, 78 | A8, A7 | O | Address signal output to the S-RAM |
| 79, 80 | D16, D15 | I/O | Two-way data bus with the S-RAM |
| 81 | VSS | — | Ground terminal |
| 82 | HDOUT | O | Serial data output to the main system controller |
| 83 | HACN | O | Acknowledge signal output to the main system controller |
| 84 | CS0 | O | Chip select signal output to the S-RAM |
| 85 | WE0 | O | Write enable signal output to the S-RAM |
| 86 | A6 | O | Address signal output to the S-RAM |
| 87 to 89 | D14 to D12 | I/O | Two-way data bus with the S-RAM |
| 90 | VDDE | — | Power supply terminal (+3.3V) |
| 91 | VSS | — | Ground terminal |
| 92 to 94 | D11 to D9 | I/O | Two-way data bus with the S-RAM |
| 95 | A5 | O | Address signal output to the S-RAM |
| 96 | VDDI | — | Power supply terminal (+2.6V) |
| 97 | TCK | I | Simplicity emulation clock signal input terminal Not used |
| 98 | TDI | I | Simplicity emulation data input terminal Not used |
| 99 | TDO | O | Simplicity emulation data input terminal Not used |
| 100 | TMS | I | Simplicity emulation data input start and end select Not used |
| 101 | XTRST | I | Simplicity emulation non-sync break signal input terminal Not used |
| 102 | VSS | — | Ground terminal |
| 103, 104 | D8, D7 | I/O | Two-way data bus with the S-RAM |
| 105, 106 | A4, A3 | O | Address signal output to the S-RAM |
| 107, 108 | GP10, GP9 | O | Not used |
| 109 | VDDI | — | Power supply terminal (+2.6V) |
| 110 | GP8 | O | Not used |
| 111 | GP7 | I | L/R sampling clock signal (44.1 kHz) input terminal |
| 112 | GP6 | O | Not used |
| 113, 114 | A2, A1 | O | Address signal output to the S-RAM |
| 115, 116 | D6, D5 | I/O | Two-way data bus with the S-RAM |
| 117 | VSS | — | Ground terminal |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 118, 119 | GP5, GP4 | O | Not used |
| 120 | GP3 | O | Error signal output to the main system controller |
| 121 | NC | — | Not used |
| 122 | A0 | O | Address signal output to the S-RAM |
| 123 to 125 | D4 to D2 | I/O | Two-way data bus with the S-RAM |
| 126 | VDDE | — | Power supply terminal (+3.3V) |
| 127 | VSS | — | Ground terminal |
| 128, 129 | D1, D0 | I/O | Two-way data bus with the S-RAM |
| 130 to 132 | GP2 to GP0 | O | Not used |
| 133 | SDCLK | O | SD-RAM clock signal output terminal Not used |
| 134 | CLKEN | O | SD-RAM chip enable output terminal Not used |
| 135 | DQM | O | Output terminal of data input/output mask Not used |
| 136 | EXLOCK | I | Lock signal input from the main system controller |
| 137 | VDDI | — | Power supply terminal (+2.6V) |
| 138 | VSS | — | Ground terminal |
| 139 | MCLK2 | O | System clock output terminal (13.5 MHz) |
| 140 | PM | I | PLL initialize signal input from the main system controller |
| 141 | BST | I | Boot strap signal input from the main system controller |
| 142 | BOOT | I | Boot mode control signal input terminal Not used |
| 143 | TST | I | Not used |
| 144 | MCLK1 | I | System clock input terminal (13.5 MHz) |

• **DIGITAL BOARD IC2301 CXD9722TQ (LIP SYNC ADJUST)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 to 5 | D1 to D5 | I/O | Two-way data bus with the SD-RAM |
| 6 | VDD | — | Power supply terminal (+3.3V) |
| 7, 8 | D6, D7 | I/O | Two-way data bus with the SD-RAM |
| 9 | VSS | — | Ground terminal |
| 10 | WE | O | Write enable signal output to the SD-RAM |
| 11 | CAS | O | Column address strobe signal output to the SD-RAM |
| 12 | RAS | O | Row address strobe signal output to the SD-RAM |
| 13 | CS | O | Chip select signal output to the SD-RAM |
| 14 | CLK | O | Clock signal output to the SD-RAM |
| 15 | CKE | O | Clock enable signal output to the SD-RAM |
| 16 | VDD | — | Power supply terminal (+3.3V) |
| 17 to 22 | A11, A10, A0 to A3 | O | Address signal output to the SD-RAM |
| 23 | VSS | — | Ground terminal |
| 24 to 29 | A9 to A4 | O | Address signal output to the SD-RAM |
| 30 | VSS | — | Ground terminal |
| 31 | DRSO | O | Surround R-ch data output terminal Not used |
| 32 | DLSO | O | Surround L-ch data output terminal Not used |
| 33 | DEXRO | O | Not used |
| 34 | DLFEO | O | Sub woofer data output terminal Not used |
| 35 | DCO | O | Center data output terminal Not used |
| 36 | VDD | — | Power supply terminal (+3.3V) |
| 37 | DRO | O | Front R-ch data output terminal Not used |
| 38 | DLO | O | Front L-ch data output terminal Not used |
| 39 | VSS | — | Ground terminal |
| 40 | DMRO | O | Data output terminal for R-ch down mix Not used |
| 41 | DMLO | O | Data output terminal for L-ch down mix Not used |
| 42 | VSS | — | Ground terminal |
| 43 | VDD | — | Power supply terminal (+3.3V) |
| 44 | DLDRO | O | Surround back audio data output to the programmable logic device |
| 45 | CSWO | O | Center and sub woofer audio data output to the programmable logic device |
| 46 | SLSRO | O | Surround audio data output to the programmable logic device |
| 47 | FLFRO | O | Front audio data output to the programmable logic device |
| 48 | VSS | — | Ground terminal |
| 49 | SPDIFO | O | Digital audio data output terminal Not used |
| 50 | TEST1 | I | Input terminal for the test |
| 51 | TRST | I | Reset signal input from terminal Not used |
| 52 | TMS | I | Mode selection signal input terminal Not used |
| 53 | TCK | I | Clock signal input terminal Not used |
| 54 | TDI | I | Serial data signal input terminal Not used |
| 55 | TDO | O | Serial data signal output terminal Not used |
| 56 | TEST2 | I | Input terminal for the test |
| 57 | SPDIFI | I | Digital audio data input terminal Not used |
| 58 | VSS | — | Ground terminal |
| 59 | LRCKI | I | L/R sampling clock signal (44.1 kHz) input from the Dc cut digital filter |
| 60 | BCKI | I | Bit clock signal (2.8224 MHz) input from the Dc cut digital filter |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 61 | VDD | — | Power supply terminal (+3.3V) |
| 62 | VSS | — | Ground terminal |
| 63 | DLDRI | I | Surround back audio data input from the Dc cut digital filter |
| 64 | CSWI | I | Center and sub woofer audio data input from the Dc cut digital filter |
| 65 | SLSRI | I | Surround audio data input from the Dc cut digital filter |
| 66 | FLFRI | I | Front audio data input from the Dc cut digital filter |
| 67 | TEST3 | I | Input terminal for the test |
| 68 | CLK512 | I | Master clock signal input terminal |
| 69 | VSS | — | Ground terminal |
| 70 | XRST | I | Reset signal input terminal “L”: reset |
| 71 | VDD | — | Power supply terminal (+3.3V) |
| 72 | SCLK | I | Serial clock signal input from the main system controller |
| 73 | XCS | I | Chip select signal input from the main system controller |
| 74 | SI | I | Serial data input from the main system controller |
| 75 | SO | O | Serial data output to the main system controller |
| 76 | DEXRI | I | Not used |
| 77 | DMLI | I | Data input terminal for L-ch down mix Not used |
| 78 | DMRI | I | Data input terminal for R-ch down mix Not used |
| 79 | VSS | — | Ground terminal |
| 80 | PHAI | I | Clock signal input terminal Not used |
| 81 | BCKAI | I | Bit clock signal (2.8224 MHz) input terminal Not used |
| 82 | DQM | O | Not used |
| 83 | DLI | I | Front L-ch data input terminal Not used |
| 84 | DRI | O | Front R-ch data input terminal Not used |
| 85 | DCI | O | Center data input terminal Not used |
| 86 | DLFEI | O | Sub woofer data input terminal Not used |
| 87 | DLSI | O | Surround L-ch data input terminal Not used |
| 88 | DRSI | O | Surround R-ch data input terminal Not used |
| 89 | VSS | — | Ground terminal |
| 90 to 95 | D15 to D10 | I/O | Two-way data bus with the SD-RAM |
| 96 | VDD | — | Power supply terminal (+3.3V) |
| 97, 98 | D9, D8 | I/O | Two-way data bus with the SD-RAM |
| 99 | GND | — | Ground terminal |
| 100 | D0 | I/O | Two-way data bus with the SD-RAM |

**• DIGITAL BOARD IC2426 ISPLSI2032VE-110LTN44-MOD (PROGRAMMABLE LOGIC DEVICE)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | EDGE | I | Clock signal input terminal |
| 2 | BCKIN | I | Bit clock signal (2.8224 MHz) input terminal |
| 3 | BCK2IN | I | Bit clock signal (2.8224 MHz) input terminal |
| 4 | I/O | I/O | Not used |
| 5 | MCK | I | Audio clock signal input terminal |
| 6 | VCC | — | Power supply terminal (+3.3V) |
| 7 | BSCAM | I | Boundary scan enable signal input terminal Not used |
| 8 | IN 0/TDI | I | Not used |
| 9, 10 | I/O | I/O | Not used |
| 11 | BCKAOUT | O | Not used |
| 12 | MCKOUT | O | System clock signal output to the PCM/PWM processor and D/A converter |
| 13 to 16 | DIOUT_8 to DIOUT_5 | O | Audio signal output terminal Not used |
| 17 | GND | — | Ground terminal |
| 18 | IN 1/TDO | I/O | Not used |
| 19 to 22 | DIOUT_8 to DIOUT_5 | O | Audio serial data output the PCM/PWM processor and D/A converter |
| 23 to 26 | I/O | I/O | Not used |
| 27 | Y2/TCK | I | Not used |
| 28 | VCC | — | Power supply terminal (+3.3V) |
| 29 | Y1/RESET | I | Reset signal input terminal Not used |
| 30 | TMS | I | Not used |
| 31 | DATAEN | I | Not used |
| 32 | CLKSEL | I | Clock selection signal input terminal |
| 33 | FS | I | Clock signal input terminal |
| 34 | I/O | I/O | Not used |
| 35 to 38 | DATA_1 to DATA_4 | I | Audio serial data input from the lip sync adjust |
| 39 | GND | — | Ground terminal |
| 40 | GOE0 | — | Global output enable signal input terminal Not used |
| 41 to 44 | DATA_5 to DATA_8 | I | Audio serial data input terminal Not used |

• **DIGITAL BOARD IC2601 MB91F155-A9ES-X105 (MAIN SYSTEM CONTROLLER)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | DSP CLK | O | Serial data transfer clock signal output to the DSP1 |
| 2 | DSP HDIN | O | Serial data output to the DSP1 |
| 3 | 1BST SEL | O | Signal selection signal output terminal "L": boot strap signal, "H": L/R sampling clock signal |
| 4 | 1XRST | O | System reset signal output to the DSP1 "L": reset |
| 5 | 1PM | O | PLL initialize signal output to the DSP1 |
| 6 | 1GP9 | I | Read ready signal input from the DSP1 |
| 7 | 1BST | O | Boot strap signal output to the DSP1 |
| 8 | 1HCS | O | Chip select signal output to the DSP1 |
| 9 | VSS | — | Ground terminal |
| 10 | 1HDOUT | I | Serial data input from the DSP1 |
| 11 | 1HACN | I | Acknowledge signal input from the DSP1 |
| 12 | 2XRST | O | System reset signal output to the DSP2 "L": reset |
| 13 | 2PM | O | PLL initialize signal output to the DSP2 |
| 14 | 2GP3 | I | Error signal input from the DSP2 |
| 15 | 2BST | O | Boot strap signal output to the DSP2 |
| 16 | 2HCS | O | Chip select signal output to the DSP2 |
| 17 | 2HDOUT | I | Serial data input from the DSP2 |
| 18 | 2HACN | I | Acknowledge signal input from the DSP2 |
| 19 | 2EXLOCK | O | Lock signal output to the DSP2 |
| 20 | DIR-CE | O | Chip enable signal output to the digital audio interface receiver |
| 21 | DIR-DO | I | Read data input from the digital audio interface receiver |
| 22 | DIR-ERROR | I | PLL lock error signal and data error flag input from the digital audio interface receiver |
| 23 | DIR-DATAO | I | Audio serial data input terminal |
| 24 | DIR-CKST | I | Clock select transition period input from the digital audio interface receiver |
| 25 | 9776-INIT | O | Initialize signal output to the Dc cut digital filter |
| 26 | VSS | — | Ground terminal |
| 27 | VCC | — | Power supply terminal (+3.3V) |
| 28 | RF-ERROR | I | RF error signal input terminal Not used |
| 29 | TA-XCS | O | Chip select signal output to the lip sync adjust |
| 30 | TA-SO | I | Serial data input from the lip sync adjust |
| 31 | DA-LAT | O | Serial data latch pulse signal output to the D/A converter |
| 32 | DA-OUT | I | Serial data input from the D/A converter |
| 33 | D595-OE | O | Output enable signal output to the data decoder |
| 34 | D595-LAT1 | O | Serial data latch pulse output to the digital input/output controller |
| 35 | D595-LAT2 | O | Serial data latch pulse output to the data decoder |
| 36 | COM1-CLK | O | Serial data transfer clock signal output to the digital audio interface receiver, lip sync adjust, data decoder and D/A converter |
| 37 | COM1-DAT | O | Serial data output to the digital audio interface receiver, lip sync adjust, data decoder and D/A converter |
| 38 | COM2-DAT | O | Serial data output to the function switch, data decoder, LED driver, electrical volume and tuner unit |
| 39 | COM2-CLK | O | Serial data transfer clock signal output to the function switch, data decoder, LED driver, electrical volume and tuner unit |
| 40 | RY-595OE | O | Output enable signal output to the data decoder |
| 41 | V595/C595-OE | O | Output enable signal output to the data decoder |
| 42 | RY595-LAT | O | Serial data latch pulse output to the data decoder |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 43 | V595-LAT | O | Serial data latch pulse output to the data decoder |
| 44 | VSS | — | Ground terminal |
| 45 | C595-LAT | O | Serial data latch pulse output to the data decoder |
| 46 | FUNCLAT | O | Serial data latch pulse output to the function switch |
| 47 | D.MIXLAT | O | Serial data latch pulse output to the function switch |
| 48 | VDLLAT | O | Serial data latch pulse output to the electrical volume |
| 49 | PRE.D.M.LAT | O | Serial data latch pulse output to the function switch |
| 50 | PREOUT VOL-LAT | O | Serial data latch pulse output to the electrical volume |
| 51 | A1OUT | O | SIRCS signal output for the CONTROL A1II |
| 52 | MD2 | I | Model distination signal input from the sub system controller |
| 53 | MD1 | I | Model distination signal input terminal Not used |
| 54 | MD0 | I | Model distination signal input from the sub system controller |
| 55 | RSTX | I | System reset signal input terminal “L”: reset |
| 56 | VCC | — | Power supply terminal (+3.3V) |
| 57 | X1 | O | Main system clock output terminal (16.5 MHz) |
| 58 | X0 | I | Main system clock input terminal (16.5 MHz) |
| 59 | VSS | — | Ground terminal |
| 60 | A1IN | I | SIRCS signal input for the CONTROL A1II |
| 61 | SIRCS IN | I | SIRCS signal input terminal |
| 62 | POWER SW | I | I/⏻ key input terminal |
| 63 to 67 | MBUS-STS0 to MBUS-STS4 | I | M-BUS status input from the sub system controller |
| 68 | VCC | — | Power supply terminal (+3.3V) |
| 69 | RST TRG | O | Reset signal output terminal |
| 70 | END FLAG | O | End flag output to the sub system controller |
| 71 | A1-LAT | O | Serial data latch pulse signal output to the sub system controller |
| 72 | ILINK RST | O | System reset signal output to the I-link system controller “L”: reset |
| 73, 74 | FUNC1, FUNC2 | I | Jog dial pulse input from the rotary encoder (for INPUT SELECTOR) |
| 75, 76 | POW-RY, POW-RY2 | O | Relay drive signal (for main power) output terminal “H”: relay on |
| 77 | VCC | — | Power supply terminal (+3.3V) |
| 78 | STOP | I | AC off detection signal input terminal |
| 79 | TUN-LAT | O | Serial data latch pulse signal output to the tuner unit (AEP model only) |
| 80 | TUN-TUNED | I | Tuned detection signal input from the tuner unit (AEP model only) |
| 81 | TUN-STEREO | I | FM stereo detection signal input from the tuner unit (AEP model only) |
| 82 | TUN-DO | I | Serial data input from the tuner unit (AEP model only) |
| 83 | SUB-RST | O | System reset signal output to the output controller “L”: reset |
| 84 | S-MUTE | O | System muting on/off control signal output terminal “H”: muting on |
| 85 | MIAN-CLK | O | Clock signal output to the output controller |
| 86 | SUB-U INFO2 | I | Serial data input from the output controller |
| 87 | SUB-U INFO1 | O | Serial data output to the output controller |
| 88 | BBSEL | O | Bass boost filter on/off selection signal output to the DC cut digital filter “L”: on |
| 89 | FSRATE | I | L/R sampling clock signal (44.1 kHz) input from the digital audio interface receiver, decimation filter and i-link interface |
| 90, 91 | VOL JOG1, VOL JOG2 | I | Jog dial pulse input from the rotary encoder (for MASTER VOLUME) |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 92, 93 | BASS JOG1, BASS JOG2 | I | Jog dial pulse input from the rotary encoder (for BASS) |
| 94 | OSD-LAT | O | Serial data latch pulse signal output to the OSD driver |
| 95 | FL-LAT | O | Serial data latch pulse output to the fluorescent indicator tube |
| 96 | FL-CLR | O | Clear signal output to the fluorescent indicator tube |
| 97 | VCC | — | Power supply terminal (+3.3V) |
| 98 | VSS | — | Ground terminal |
| 99 | SDA | I/O | Two-way data bus with the i-link system controller |
| 100 | SCL | O | Serial data transfer clock signal output to the i-link system controller |
| 101 | VSS | — | Ground terminal |
| 102 | OSD-CLK | O | Serial data transfer clock signal output to the OSD driver |
| 103 | OSD-DAT | O | Serial data output to the OSD driver |
| 104 | ERR/AUD-SEL | O | Error signal/audio data selection signal output terminal |
| 105 | TREB JOG1 | I | Jog dial pulse input from the rotary encoder (for TREBLE) |
| 106 | TREB JOG2 | I | Jog dial pulse input from the rotary encoder (for TREBLE) |
| 107 | UPCOM-DAT | I/O | Two-way data bus with the chroma decoder |
| 108 | UPCOM-CLK | O | Serial data transfer clock signal output to the chroma decoder |
| 109 | SOT1 | O | Serial data output to the RS-232C |
| 110 | SIN1 | I | Serial data input from the RS-232C |
| 111 | FL1-CLK | O | Serial data transfer clock signal output to the fluorescent indicator tube |
| 112 | FL1-DATA | O | Serial data output to the fluorescent indicator tube |
| 113 | EEPROM SDA | I/O | Two-way data bus with the EEPROM |
| 114 | EEPROM SCL | O | Serial data transfer clock signal output to the EEPROM |
| 115 | HP IN | I | Headphone detection signal input terminal “H”: headphone is connected |
| 116, 117 | FSPSW-A, FSPSW-B | I | Front speaker selection switch input terminal |
| 118, 119 | MENU JOG1, MENU JOG2 | I | Jog dial pulse input from the rotary encoder (for MAIN MENU) |
| 120, 121 | PAGE JOG1, PAGE JOG2 | I | Jog dial pulse input from the rotary encoder (for MENU) |
| 122 | VCC | — | Power supply terminal (+3.3V) |
| 123 | LED LAT | O | Serial data latch pulse signal output to the LED driver |
| 124 | LED CLR | O | Serial data transfer clock signal output to the LED driver |
| 125 | PCM-SEL | O | PCM imitation signal output terminal |
| 126 | DAVS (VSS) | — | Ground terminal (for D/A converter) |
| 127 | DAVC (VCC) | — | Power supply terminal (+3.3V) (for D/A converter) |
| 128 | AVCC (VCC) | — | Power supply terminal (+3.3V) (for A/D converter) |
| 129 | AVRH (VCC) | — | Reference voltage (+3.3V) input terminal (for A/D converter) |
| 130 | AVRL (VSS) | — | Reference voltage (0V) input terminal (for A/D converter) |
| 131 | AVSS (VSS) | — | Ground terminal (for A/D converter) |
| 132 to134 | AD1 | I | Front panel key input terminal (A/D input) |
| 135 | VERSION | I | Destination setting terminal |
| 136, 137 | RSPSW-A, RSPSW-B | I | Surround speaker selection switch input terminal |
| 138 | +/– JOG1 | I | Jog dial pulse input from the rotary encoder (for –/+) |
| 139 | +/– JOG2 | I | Jog dial pulse input from the rotary encoder (for –/+) |
| 140 | VCC2 | — | Power supply terminal (+3.3V) |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 141 | BACUP | — | Power supply terminal (+3.3V) (for back up) |
| 142 | X0A | I | Sub system clock input terminal Not used |
| 143 | X1A | O | Sub system clock output terminal Not used |
| 144 | VSS | — | Ground terminal |

• **DIGITAL BOARD IC2701 TMP87C447U-1F23 (SUB SYSTEM CONTROLLER)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | STAT0 | O | M-BUS status output to the main system controller |
| 2 | CARRIER-OUT | O | SIRCS signal on/off control signal output terminal |
| 3 | FLASH | I | Not used |
| 4 | MBUS | I | Not used |
| 5 | CTRL-LATCH | I | Serial data latch pulse signal input from the main system controller |
| 6, 7 | — | — | Not used |
| 8 | SIRSTS | O | Not used |
| 9 | — | — | Not used |
| 10 | SIRCS-INPUT | I | SIRCS signal input terminal |
| 11 | A1-OUT | O | SIRCS signal output for CONTROL A1II |
| 12 | A1-IN | I | SIRCS signal input for CONTROL A1II |
| 13 | GND | — | Ground terminal |
| 14 | RESET | I | System reset signal input from the reset signal generator “L”: reset<br>For several hundreds msec. after the power supply rises, “L” is input, then it changes to “H” |
| 15 | XIN | I | System clock input terminal (7.28 MHz) |
| 16 | XOUT | O | System clock output terminal (7.28 MHz) |
| 17 | GND | — | Ground terminal |
| 18 | VDD | — | Power supply terminal (+5V) |
| 19 | RESETC | O | Reset signal output to the main system controller |
| 20 | RESETN | O | Not used |
| 21 | OUTHI1 | O | Not used |
| 22 | OUTLO1 | O | Not used |
| 23 | OUTHI2 | O | Model distination signal output to the main system controller |
| 24 | OUTLO2 | O | Model distination signal output to the main system controller |
| 25 | ENDFLG | I | End flag input from the main system controller |
| 26 | UARTIN | I | Serial data input from the RS-232C |
| 27 to 32 | — | — | Not used |
| 33 | SIRCS-OUT | O | SIRCS signal output terminal |
| 34 to 36 | — | — | Not used |
| 37 | MBUS_TV | I | Not used |
| 38 | MBUS_V2 | I | Not used |
| 39 | MBUS_V1 | I | Not used |
| 40 | VDD | — | Power supply terminal (+5V) |
| 41 to 44 | STAT4 to STAT1 | O | M-BUS status output to the main system controller |

**• I. LINK BOARD IC3002 M30626FHPFP-DA9000ES (I. LINK SYSTEM CONTROLLER)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 to 7 | HD6 to HD0 | I/O | Two-way data bus with the i. link DSP |
| 8 | BYTE | I | External data bus line byte selection signal input terminal<br>"L": 16 bit, "H": 8 bit Fixed at "L" in this set |
| 9 | CNVSS | — | Processor mode selection signal input terminal "L": single Fixed at "L" in this set |
| 10 | UN-MUTE | O | Muting on/off control signal output terminal |
| 11 | NC | O | Not used |
| 12 | RESET | I | System reset signal input from the main system controller "L": reset |
| 13 | XOUT | O | System clock output terminal (10 MHz) |
| 14 | VSS | — | Ground terminal |
| 15 | XIN | I | System clock input terminal (10 MHz) |
| 16 | VCC | — | Power supply terminal (+3.3V) |
| 17 | NMI | I | Non-maskable interrupt input terminal Not used |
| 18 | MILES AUDIO | O | PCM audio data output to the DSP1 |
| 19 | AKE_XF | I | External flag signal input from the i. link DSP |
| 20 | XHINT | O | Interrupt signal output terminal Not used |
| 21 | HRDY | I | Ready signal input from the i. link DSP |
| 22 | XHAS | O | Address strobe signal output to the i. link DSP |
| 23, 24 | XHDS1, XHDS2 | O | Data strobe signal output to the i. link DSP |
| 25 | XHCS | O | Chip select signal output to the i. link DSP |
| 26 | XRS | O | Reset signal output to the i. link DSP "L": reset |
| 27, 28 | NC | O | Not used |
| 29 | IIC CLK | I | Serial data transfer clock signal input from the main system controller |
| 30 | IIC DATA | I/O | Two-way data bus with the main system controller |
| 31 | TXD1 | I | Not used |
| 32 | RXD1 | I | Not used |
| 33 | CLK1 | I | Not used |
| 34 | RTS1 | I | Not used |
| 35 | ERRCLR | O | Error output clear signal output terminal |
| 36 | STR/TA | I | Model setting terminal "L": STR-DA9000ES, "H": TA-DA9000ES |
| 37, 38 | NC | O | Not used |
| 39 | RDY | I | Ready signal input from the i. link interface |
| 40 | ALE | O | Not used |
| 41 | HOLD (PULL UP) | I | Not used |
| 42 | HLDA | O | Not used |
| 43 | BCLK | O | Not used |
| 44 | RD | O | Read data output to the EEPROM and i. link interface |
| 45 | WRH | O | Not used |
| 46 | WR | O | Write data output to the EEPROM and i. link interface |
| 47 | NC | O | Not used |
| 48 | EEP_CS | O | Chip select signal output to the EEPROM |
| 49 | CXD3210 CS | O | Chip select signal output to the i. link interface |
| 50 | NC | O | Not used |
| 51, 52 | HCNTL0, HCNTL1 | O | Control signal output to the i. link DSP |
| 53 | HBIL | O | Byte identification signal output to the i. link DSP |
| 54 | HRW | O | Read/write signal output to the i. link DSP |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 55, 56 | NC | O | Not used |
| 57 to 61 | A13 to A9 | O | Address signal output to the EEPROM |
| 62 | VCC | — | Power supply terminal (+3.3V) |
| 63 | A8 | O | Address signal output to the EEPROM and i. link interface |
| 64 | GND | — | Ground terminal |
| 65 to 71 | A7 to A1 | O | Address signal output to the EEPROM and i. link interface |
| 72 | A0 | O | Address signal output terminal Not used |
| 73 to 88 | D15 to D0 | I/O | Two-way data bus with the EEPROM and i. link interface |
| 89 | PHY_BIAS | O | Power down signal output to the i. link interface |
| 90 | PHY_RST | O | Power reset signal output to the i. link interface “L”: reset |
| 91 | NC | O | Not used |
| 92 | LINK_RST | O | Link reset signal output to the i. link interface “L”: reset |
| 93 to 95 | NC | O | Not used |
| 96 | AVSS | — | Ground terminal (for A/D converter) |
| 97 | NC | O | Not used |
| 98 | A/D VREF | I | Reference voltage (+3.3V) input terminal (for A/D converter) |
| 99 | AVCC 3.3V | — | Power supply terminal (+3.3V) (for A/D converter) |
| 100 | HD7 | I/O | Two-way data bus with the i. link DSP |

**• I. LINK BOARD IC3012 TMS320VC5409PGE100A (I. LINK DSP)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | VSS | — | Ground terminal |
| 2 | A22 | O | Address signal output terminal Not used |
| 3 | VSS | — | Ground terminal |
| 4 | DVDD (3.3V) | — | Power supply terminal (+3.3V) |
| 5 | A10 | O | Address signal output terminal Not used |
| 6 | HD7 | I/O | Two-way data bus with the i. link system controller |
| 7 to 11 | A11 to A15 | O | Address signal output terminal Not used |
| 12 | CVDD (1.8V) | — | Power supply terminal (+1.8V) |
| 13 | $\overline{\text{HAS}}$ | I | Address strobe signal input from the i. link system controller |
| 14, 15 | VSS | — | Ground terminal |
| 16 | CVDD (1.8V) | — | Power supply terminal (+1.8V) |
| 17 | $\overline{\text{HCS}}$ | I | Chip select signal input from the i. link system controller |
| 18 | HR/$\overline{\text{W}}$ | I | Read/write signal input from the i. link system controller |
| 19 | READY | I | Ready signal input terminal Not used |
| 20 | $\overline{\text{PS}}$ | I | Program select signal input terminal Not used |
| 21 | $\overline{\text{DS}}$ | I | Data select signal input terminal Not used |
| 22 | $\overline{\text{IS}}$ | I | I/O space select signal input terminal Not used |
| 23 | R/$\overline{\text{W}}$ | O | Read/write signal output terminal Not used |
| 24 | $\overline{\text{MSTRB}}$ | O | Memory strobe signal output terminal Not used |
| 25 | $\overline{\text{IOSTRB}}$ | O | I/O strobe signal output terminal Not used |
| 26 | $\overline{\text{MSC}}$ | O | Microstate complete signal output terminal Not used |
| 27 | XF | O | External flag signal output to the i. link system controller |
| 28 | $\overline{\text{HOLDA}}$ | O | Hold acknowledge signal output terminal Not used |
| 29 | $\overline{\text{IAQ}}$ | O | Instruction acquisition signal output terminal Not used |
| 30 | $\overline{\text{HOLD}}$ | I | Hold signal input terminal Not used |
| 31 | $\overline{\text{BIO}}$ | I | Branch control signal input terminal Not used |
| 32 | MP/$\overline{\text{MC}}$ | I | Microprocessor/microcomputer mode selection signal input terminal<br>“L”: microcomputer mode, “H”: microprocessor mode Fixed at “L” in this set |
| 33 | DVDD (3.3V) | — | Power supply terminal (+3.3V) |
| 34 | VSS | — | Ground terminal |
| 35 | BDR1 | I | Serial data input terminal Not used |
| 36 | BFSR1 | I | Frame sync signal input terminal Not used |
| 37 | VSS | — | Ground terminal |
| 38 | BCLKR1 | I | Receive clock signal input terminal Not used |
| 39 | HCNTL0 | I | Control signal input from the i. link system controller |
| 40 | VSS | — | Ground terminal |
| 41, 42 | BCLKR0, BCLKR2 | I | Receive clock signal input terminal Not used |
| 43, 44 | BFSR0, BFSR2 | I | Frame sync signal input terminal Not used |
| 45 | BDR0 | I | Serial data input terminal Not used |
| 46 | HCNTL1 | I | Control signal input from the i. link system controller |
| 47 | BDR2 | I | Serial data input terminal Not used |
| 48, 49 | BCLKX0, BCLKX2 | I | Transmit clock signal input terminal Not used |
| 50 | VSS | — | Ground terminal |
| 51 | $\overline{\text{HINT}}$/TOUT1 | O | Interrupt signal output to the $\overline{\text{INT2}}$ (㊻ pin) |
| 52 | CVDD (1.8V) | — | Power supply terminal (+1.8V) |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 53, 54 | BFSX0, BFSX2 | I | Frame sync signal input terminal Not used |
| 55 | HRDY | O | Ready signal output to the i. link system controller |
| 56 | DVDD (3.3V) | — | Power supply terminal (+3.3V) |
| 57 | VSS | — | Ground terminal |
| 58 | HD0 | I/O | Two-way data bus with the i. link system controller |
| 59, 60 | BDX0, BDX2 | O | Serial data output terminal Not used |
| 61 | IACK | O | Interrupt acknowledge signal output terminal Not used |
| 62 | HBIL | I | Byte identification signal input from the i. link system controller |
| 63 | $\overline{\text{NMI}}$ | I | Non-maskable interrupt input terminal Not used |
| 64, 65 | $\overline{\text{INT0}}$, $\overline{\text{INT1}}$ | I | Interrupt signal input terminal Not used |
| 66 | $\overline{\text{INT2}}$ | I | Interrupt signal input from the $\overline{\text{HINT}}$/TOUT1 (㊿ pin) |
| 67 | $\overline{\text{INT3}}$ | I | Interrupt signal input terminal Not used |
| 68 | CVDD (1.8V) | — | Power supply terminal (+1.8V) |
| 69 | HD1 | I/O | Two-way data bus with the i. link system controller |
| 70 | VSS | — | Ground terminal |
| 71 | BCLKX1 | I | Transmit clock signal input terminal Not used |
| 72 | VSS | — | Ground terminal |
| 73 | BFSX1 | I | Frame sync signal input terminal Not used |
| 74 | BDX1 | O | Serial data output terminal Not used |
| 75 | DVDD (3.3V) | — | Power supply terminal (+3.3V) |
| 76 | VSS | — | Ground terminal |
| 77 to 79 | CLKMD1 to CLKMD3 | I | Clock mode selection signal input terminal Not used |
| 80 | HPI16 | I | HPI 16 bit selection signal input terminal Not used |
| 81 | HD2 | I/O | Two-way data bus with the i. link system controller |
| 82 | TOUT0 | O | Timer output terminal Not used |
| 83 | EMU0 | I | Not used |
| 84 | EMU1/$\overline{\text{OFF}}$ | I | Not used |
| 85 | TDO | O | Not used |
| 86 | TDI | I | Not used |
| 87 | $\overline{\text{TRST}}$ | I | Not used |
| 88 | TCK | I | Not used |
| 89 | TMS | I | Not used |
| 90 | VSS | — | Ground terminal |
| 91 | CVDD (1.8V) | — | Power supply terminal (+1.8V) |
| 92 | HPIENA | I | HPI module selection signal input terminal Not used |
| 93 | VSS | — | Ground terminal |
| 94 | CLKOUT | O | Master clock signal output terminal Not used |
| 95 | HD3 | I/O | Two-way data bus with the i. link system controller |
| 96 | X1 | O | System clock output terminal (20 MHz) |
| 97 | X2/CLKIN | I | System clock input terminal (20 MHz) |
| 98 | $\overline{\text{RS}}$ | I | Reset signal input from the i. link system controller “L”: reset |
| 99 to 104 | D0 to D5 | I/O | Two-way data bus terminal Not used |
| 105 | A16 | O | Address signal output terminal Not used |
| 106 | VSS | — | Ground terminal |
| 107 to 110 | A17 to A20 | O | Address signal output terminal Not used |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 111 | VSS | — | Ground terminal |
| 112 | DVDD (3.3V) | — | Power supply terminal (+3.3V) |
| 113 to 119 | D6 to D12 | I/O | Two-way data bus terminal Not used |
| 120 | HD4 | I/O | Two-way data bus with the i. link system controller |
| 121 to 123 | D13 to D15 | I/O | Two-way data bus terminal Not used |
| 124 | HD5 | I/O | Two-way data bus with the i. link system controller |
| 125 | CVDD (1.8V) | — | Power supply terminal (+1.8V) |
| 126 | VSS | — | Ground terminal |
| 127 | $\overline{\text{HDS1}}$ | I | Data strobe signal input from the i. link system controller |
| 128 | VSS | — | Ground terminal |
| 129 | $\overline{\text{HDS2}}$ | I | Data strobe signal input from the i. link system controller |
| 130 | DVDD (3.3V) | — | Power supply terminal (+3.3V) |
| 131 to 134 | A0 to A3 | O | Address signal output terminal Not used |
| 135 | HD6 | I/O | Two-way data bus with the i. link system controller |
| 136 to 141 | A4 to A9 | O | Address signal output terminal Not used |
| 142 | CVDD (1.8V) | — | Power supply terminal (+1.8V) |
| 143 | A21 | O | Address signal output terminal Not used |
| 144 | VSS | — | Ground terminal |

• **COMPONENT BOARD IC1329 MB90089F-G-238-BND (OSD DRIVER)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | YIN | I | Y (luminance) signal input terminal Not used |
| 2 | CIN | I | C (color) signal input terminal Not used |
| 3 | VIN | I | Composite video signal input terminal Not used |
| 4 | AVCC | — | Power supply terminal (+5V) |
| 5 | FSCO | O | Internal color burst phase display signal output terminal Not used |
| 6 | VBLK | O | Vertical blanking period signal output terminal Not used |
| 7 | VCC | — | Power supply terminal (+5V) |
| 8 | EXS | I | Input terminal from the clock generator for external color burst connected to crystal vibrator (14.31818 MHz) |
| 9 | XS | O | Output terminal from the clock generator for external color burst connected to crystal vibrator (14.31818 MHz) |
| 10 | HSYNC | O | Horizontal sync signal output terminal Not used |
| 11 | VSYNC | O | Vertical sync signal output terminal Not used |
| 12 | EXHSYN | I | External horizontal sync signal input terminal Not used |
| 13 | EXVSYN | I | External vertical sync signal input terminal Not used |
| 14 | VSS | — | Ground terminal |
| 15 | EXD | I | Dot clock generator connecting terminal for display |
| 16 | XD | O | Dot clock generator connecting terminal for display |
| 17 | VOB | O | Character and background period signal output terminal Not used |
| 18 to 20 | VOC2 to VOC0 | O | Color signal output terminal Not used |
| 21 | TEST | I | Setting terminal for the test “L”: test (normally: fixed at “H”) |
| 22 | SCLK | I | Serial data transfer clock signal input from the main system controller |
| 23 | SIN | I | Serial data input from the main system controller |
| 24 | CS | I | Serial data latch pulse signal input from the main system controller |
| 25 | VOUT | O | Composite video signal output terminal |
| 26 | COUT | O | C (color) signal output terminal |
| 27 | YOUT | O | Y (luminance) signal output terminal |
| 28 | AVSS | — | Ground terminal |

• **AMP BOARD IC1800 MB89537APFM-G-461-BNDE1 (OUTPUT CONTROLLER)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | 4/8 IN | I | Current detection signal input from the protect circuit |
| 2 | MOD2 | I | Not used |
| 3 | TEMP | I | Temperature detection signal input from the thermistor |
| 4 to 10 | — | — | Not used |
| 11 | AVCC | — | Power supply terminal (+3.3V) |
| 12 | AVR | I | Reference voltage (+3.3V) input terminal |
| 13 | AVSS | — | Ground terminal |
| 14 | U-MAIN | I | Clock signal input from main system controller |
| 15 | AC-OFF | I | AC off detection signal input terminal "L": AC off |
| 16 to 18 | — | — | Not used |
| 19 | RST | I | System reset signal input from the main system controller "L": reset |
| 20, 21 | MOD0, MOD1 | I | Setting terminal for memory access mode Normally: fixed at "L" |
| 22 | X0 | I | System clock input terminal (8 MHz) |
| 23 | X1 | O | System clock output terminal (8 MHz) |
| 24 | VSS | — | Ground terminal |
| 25 | VOL-CLK | O | Serial data transfer clock signal output to the data decoder |
| 26 | VOL-DATA | O | Serial data output to the data decoder |
| 27 | VOL-LAT | O | Serial data latch pulse signal output to the data decoder |
| 28 | DAC-MUTE | O | Muting on/off control signal output terminal "H": muting on |
| 29, 30 | (P23), (P22) | — | Not used |
| 31 | 4I-LIMIT | I | IMPEDANCE SELECTOR switch input terminal "L": 4Ω, "H": 8Ω |
| 32 | DC | I | DC off detection signal input terminal |
| 33 | I LIMIT | I | Current detection signal input terminal Not used |
| 34 | 4/8OUT | O | Relay drive signal (for speaker impedance 4Ω/8Ω selection) output terminal |
| 35 | DIAG | I | Temperature detection signal input from the power amplifier |
| 36 | EN | O | Enable signal output terminal |
| 37 | MODE1 | O | PCM/DSD data selection signal output terminal Not used |
| 38 | INIT | O | Initialize signal output to the PCM/PWM processor |
| 39 | NSP-MUTE | O | Muting on/off control signal output terminal Not used |
| 40 | (P10) | — | Not used |
| 41 | — | — | Not used |
| 42 | U-SUB1 | I | Serial data input from main system controller |
| 43 | LAT4 | O | Serial data latch pulse signal (for surround back) output to the PCM/PWM processor |
| 44 | LAT3 | O | Serial data latch pulse signal (for surround) output to the PCM/PWM processor |
| 45 | LAT2 | O | Serial data latch pulse signal (for center) output to the PCM/PWM processor |
| 46 | LAT1 | O | Serial data latch pulse signal (for front) output to the PCM/PWM processor |
| 47 | F-B RY | O | Relay drive signal (for front speaker B) output terminal |
| 48 | SR-A RY | O | Relay drive signal (for surround speaker A) output terminal |
| 49 | NC | — | Not used |
| 50 | F-A RY | O | Relay drive signal (for front speaker A) output terminal |
| 51 | SHIFT | O | Serial data transfer clock signal output to the PCM/PWM processor |
| 52 | SO1/SCDT | O | Serial data output to the PCM/PWM processor |
| 53 | SI1/SR-B RY | O | Relay drive signal (for surround speaker B) output terminal |
| 54 | C RY | O | Relay drive signal (for center speaker) output terminal |
| 55 | SB RY | O | Relay drive signal (for surround back speaker) output terminal |

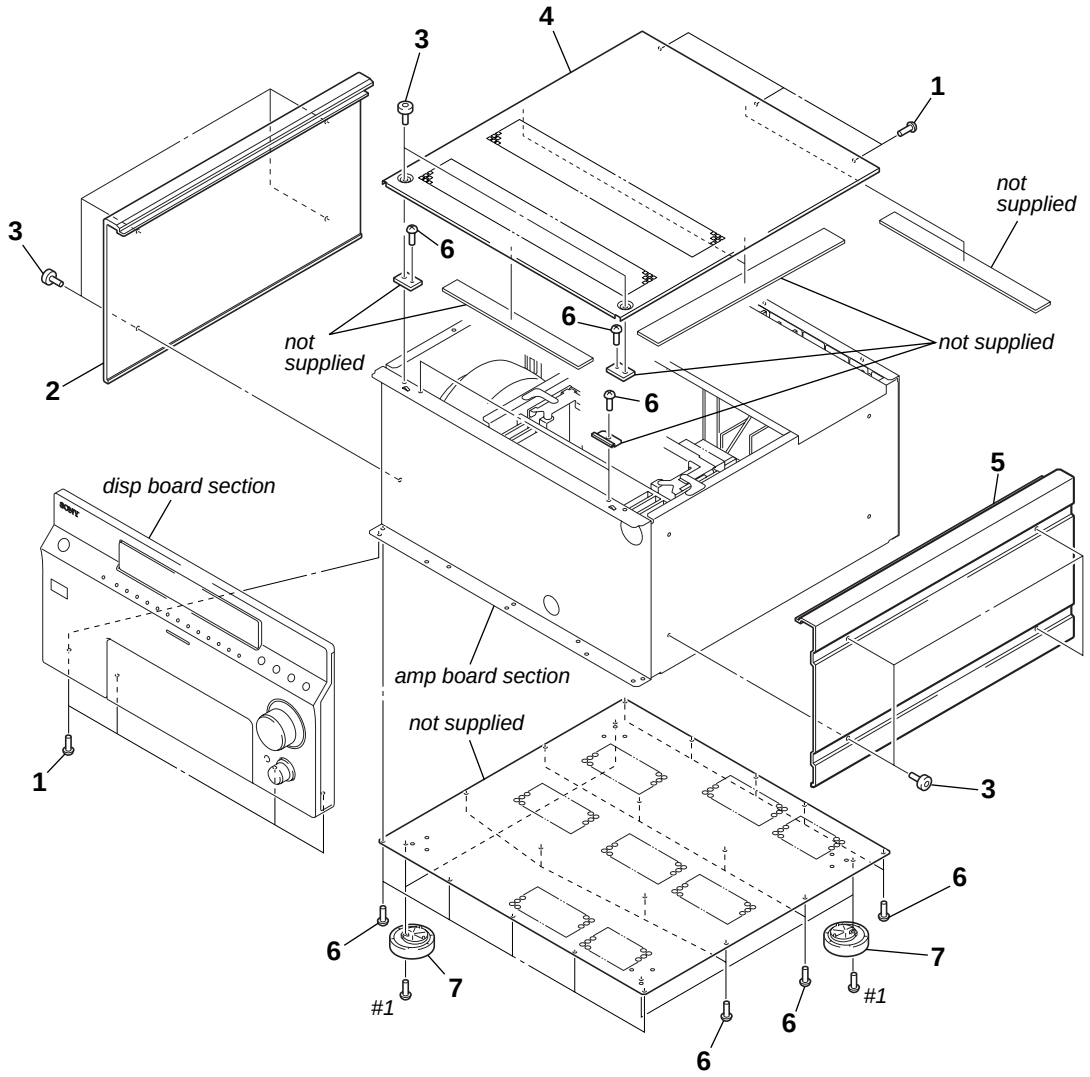
| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 56 | VCC | — | Power supply terminal (+3.3V) |
| 57 | SP RY | O | Relay drive signal (for speaker) output terminal Not used |
| 58 | HP RY | O | Relay drive signal (for headphone) output terminal Not used |
| 59 | — | — | Not used |
| 60 | U-SUB2 | O | Serial data output to main system controller |
| 61 | — | — | Not used |
| 62 | FORMAT | I | Not used |
| 63 | HENCYO | I | Not used |
| 64 | MUTE | I | Muting on/off control signal input terminal |

# SECTION 7
# EXPLODED VIEWS

NOTE:
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Abbreviation
  KR : Korean model
  TW : Taiwan model
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Accessories are given in the last of the electrical parts list.
- Color variation
  GOLD : AEP, Korean, Taiwan model
  BLACK : AEP model

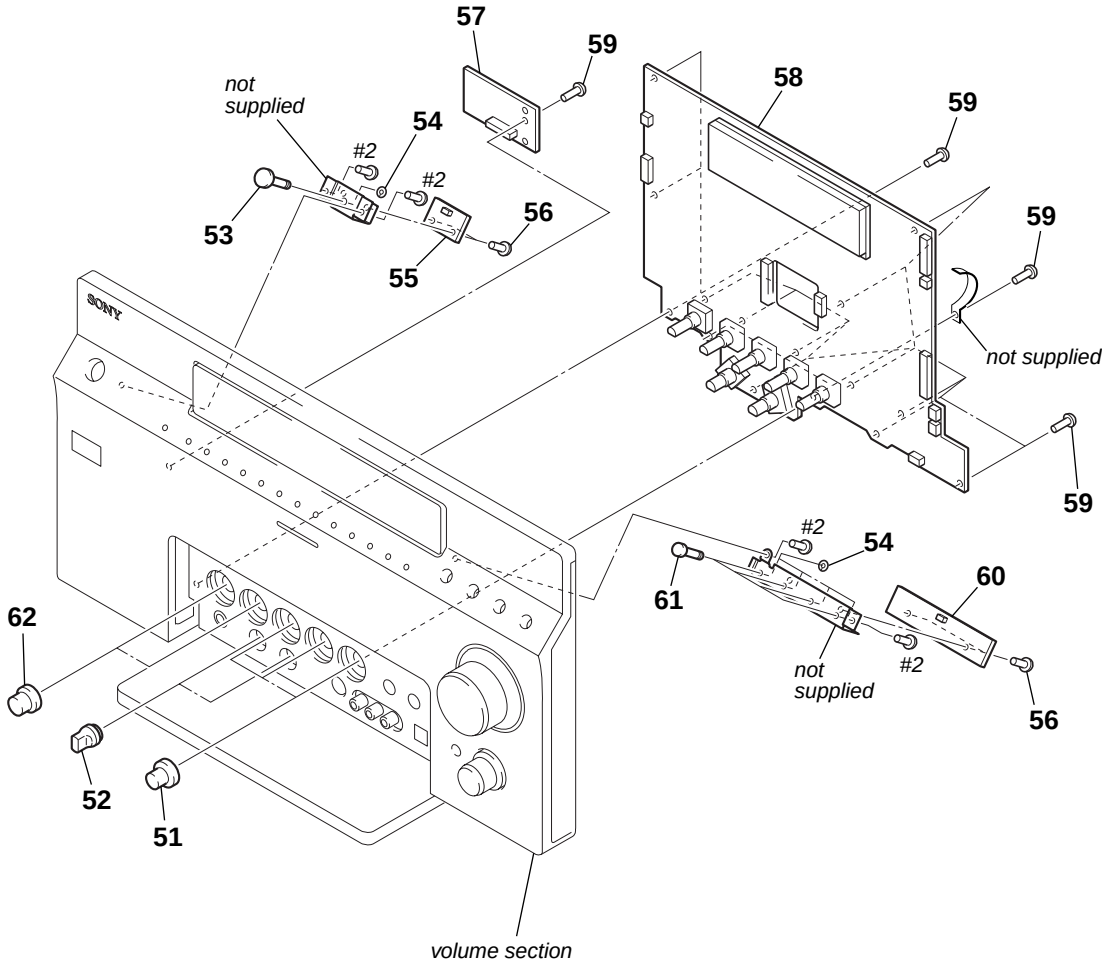
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

## 7-1. CASE SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 1 | 3-704-515-21 | SCREW (BV/RING) | |
| 2 | 4-248-160-21 | CASE (SIDE-L) (BLACK) | |
| 2 | 4-248-160-41 | CASE (SIDE-L) (GOLD) | |
| 3 | 4-248-560-01 | SCREW | |
| 4 | 4-248-165-11 | CASE (TOP) (BLACK) | |
| 4 | 4-248-165-21 | CASE (TOP) (GOLD) | |
| 5 | 4-248-160-31 | CASE (SIDE-R) (BLACK) | |
| 5 | 4-248-160-51 | CASE (SIDE-R) (GOLD) | |
| 6 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| 7 | X-4950-540-2 | FOOT ASSY | |
| #1 | 7-685-885-09 | SCREW +BVTT 4X16 (S) | |

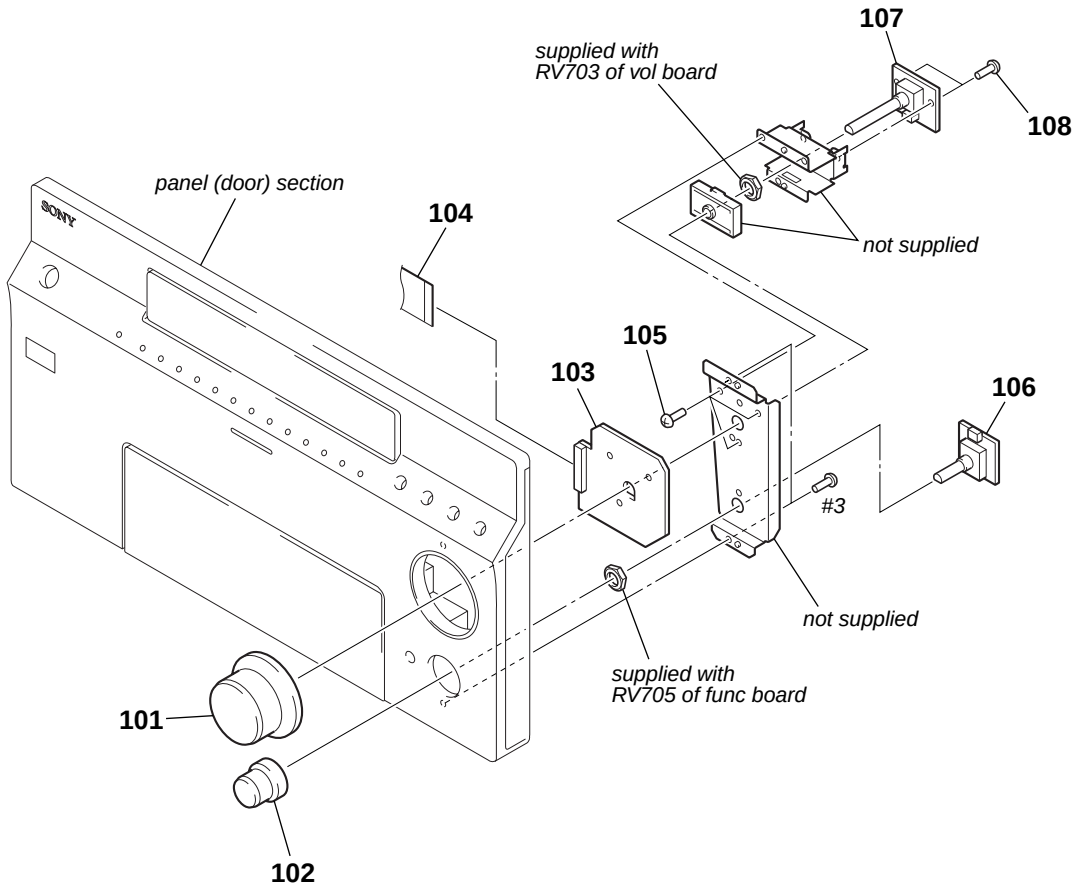
## 7-2. DISP BOARD SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 51 | 4-248-181-11 | KNOB (R19) (BLACK) | |
| 51 | 4-248-181-21 | KNOB (R19) (GOLD) | |
| 52 | 4-248-182-11 | KNOB (F13) (BLACK) | |
| 52 | 4-248-182-21 | KNOB (F13) (GOLD) | |
| 53 | 4-248-195-11 | BUTTON (R13) (BLACK) | |
| 53 | 4-248-195-21 | BUTTON (R13) (GOLD) | |
| 54 | 3-325-697-11 | WASHER | |
| 55 | 1-688-672-11 | POWER BOARD | |
| 56 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 57 | A-4733-773-A | IR BOARD, COMPLETE | |
| 58 | A-4733-780-A | DISP BOARD, COMPLETE | |
| 59 | 4-951-620-01 | SCREW (2.6X8), +BVTP | |
| 60 | A-4733-775-A | S. F BOARD, COMPLETE | |
| 61 | 4-248-196-11 | BUTTON (R7) (BLACK) | |
| 61 | 4-248-196-21 | BUTTON (R7) (GOLD) | |
| 62 | 4-248-181-41 | KNOB (R19) (BLACK) | |
| 62 | 4-248-181-51 | KNOB (R19) (GOLD) | |
| #2 | 7-682-545-09 | SCREW +B 3X4 | |

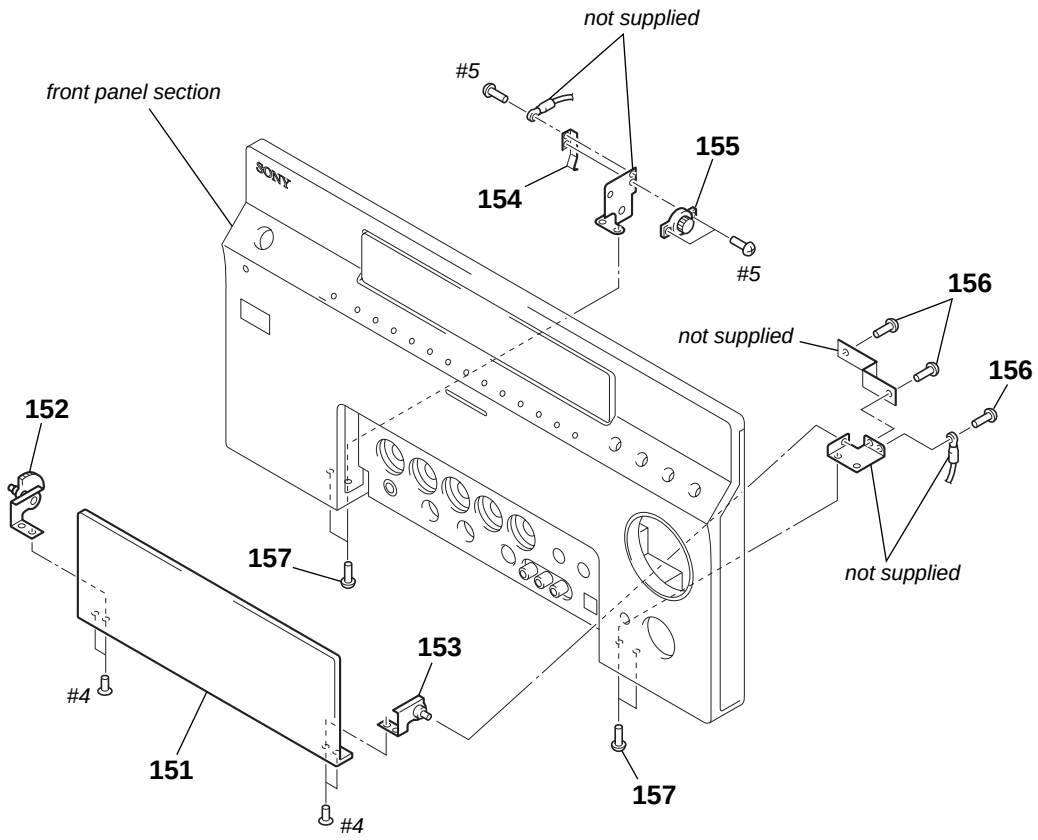
## 7-3. VOLUME SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 101 | 4-248-179-11 | KNOB (R55) (BLACK) | |
| 101 | 4-248-179-21 | KNOB (R55) (GOLD) | |
| 102 | 4-248-180-11 | KNOB (R26) (BLACK) | |
| 102 | 4-248-180-21 | KNOB (R26) (GOLD) | |
| 103 | A-4733-741-A | VOL. LED BOARD, COMPLETE | |
| 104 | 1-773-175-11 | WIRE (FLAT TYPE) (23 CORE) | |

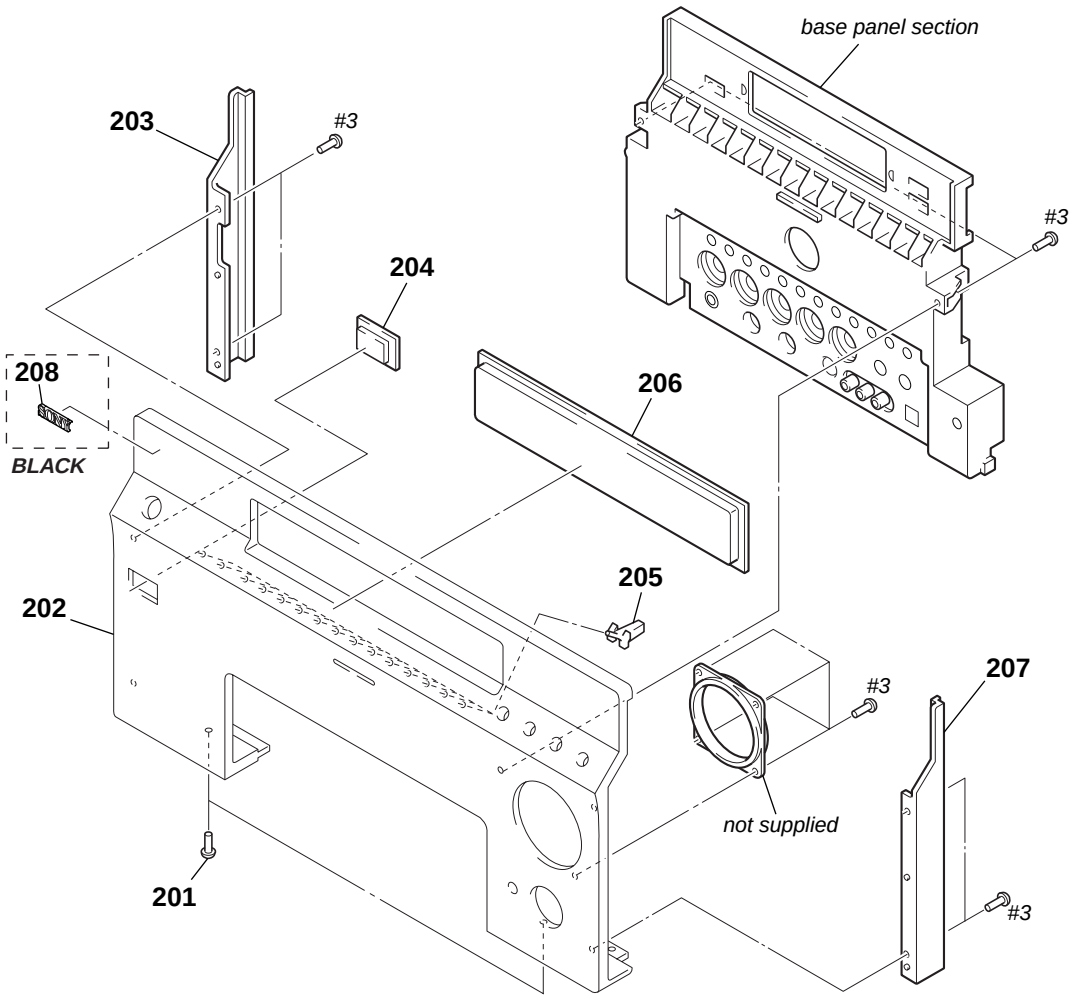
| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 105 | 4-951-620-01 | SCREW (2.6X8), +BVTP | |
| 106 | 1-688-676-11 | FUNC BOARD | |
| 107 | 1-688-677-11 | VOL BOARD | |
| 108 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| #3 | 7-682-546-04 | SCREW +B 3X5 | |

## 7-4. PANEL (DOOR) SECTION



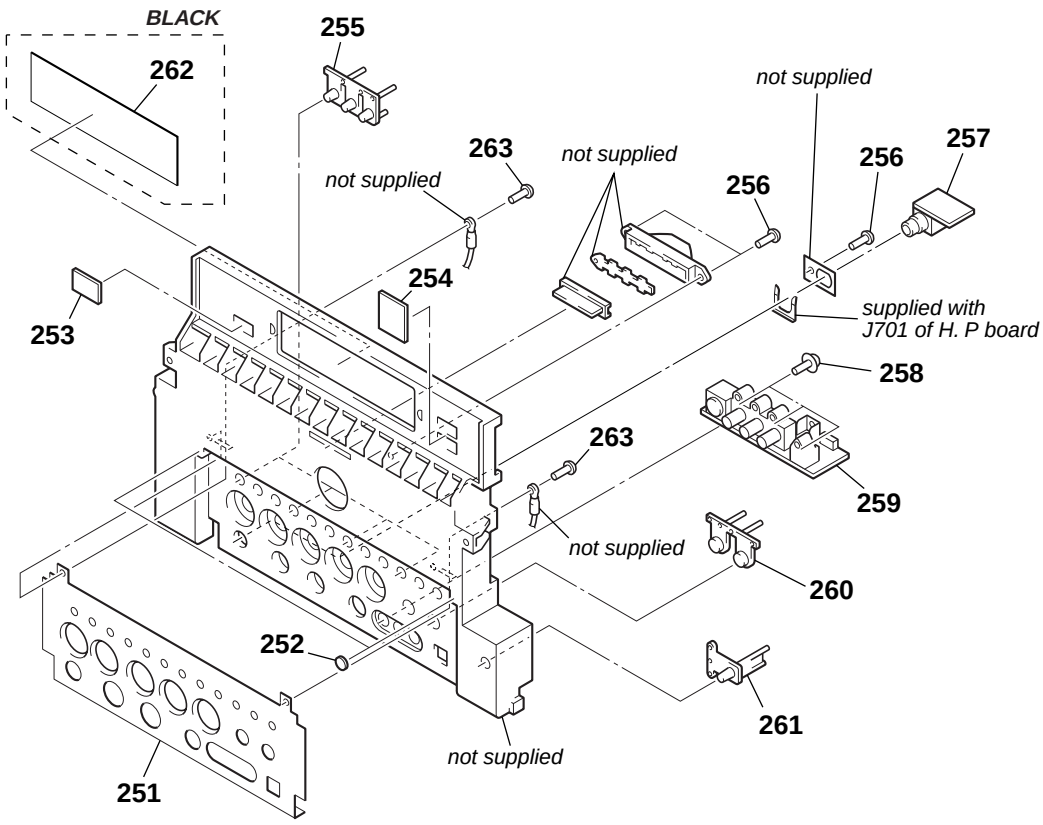

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 151 | 4-248-166-21 | PANEL (DOOR) (BLACK) | |
| 151 | 4-248-166-31 | PANEL (DOOR) (GOLD) | |
| 152 | X-4955-763-1 | HINGE (L) ASSY | |
| 153 | X-4955-764-1 | HINGE (R) ASSY | |
| 154 | 4-250-561-01 | SPRING (LOCK), LEAF | |
| 155 | 4-240-391-01 | DAMPER, OIL | |
| 156 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| 157 | 3-703-685-21 | SCREW (+BV 3X8) | |
| #4 | 7-682-247-09 | SCREW +K 3X6 | |
| #5 | 7-621-772-20 | SCREW +B 2X5 | |

## 7-5. FRONT PANEL SECTION



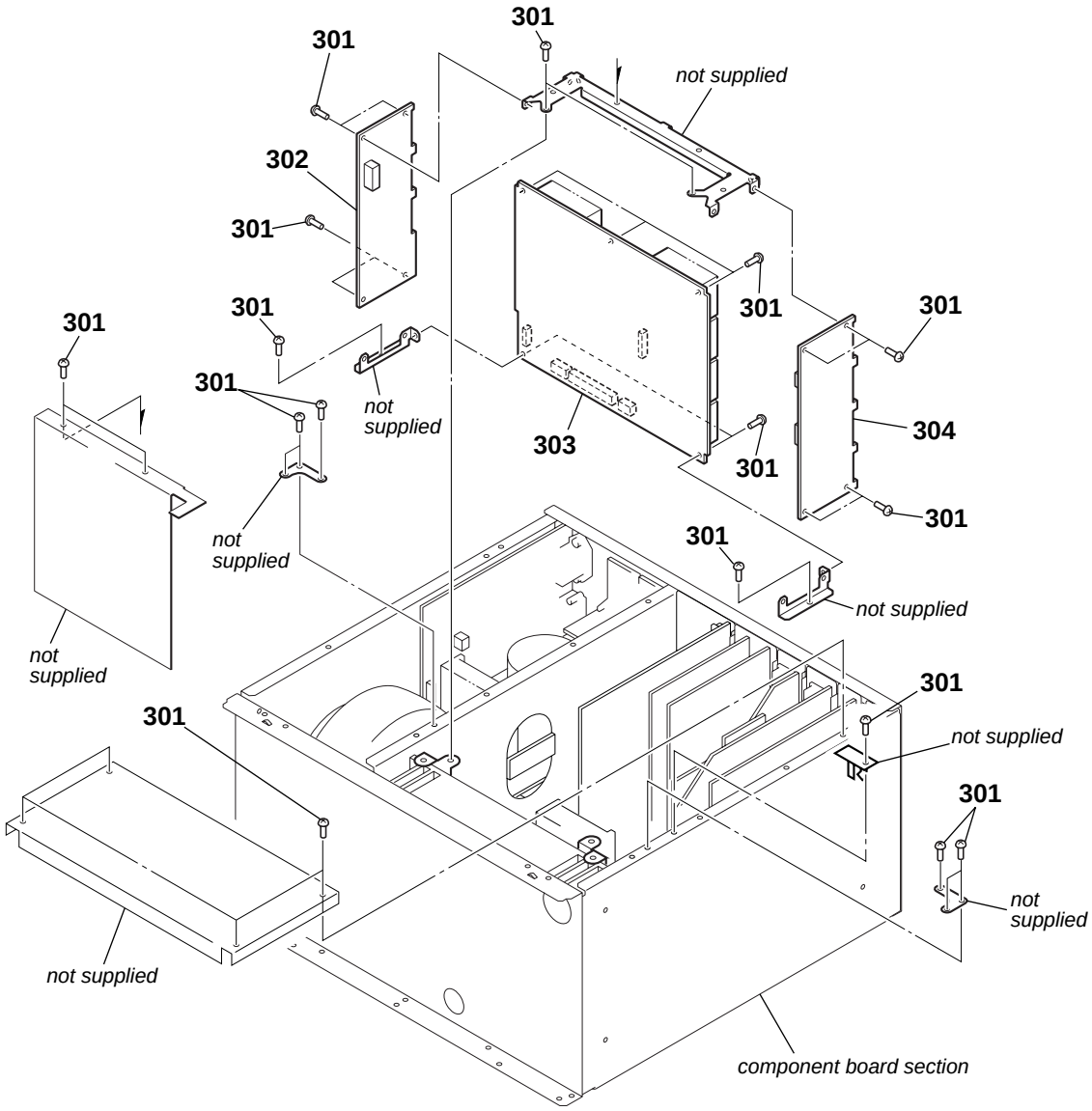

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 201 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| 202 | 4-248-163-21 | PANEL (D9), FRONT (BLACK) | |
| 202 | 4-248-163-31 | PANEL (D9), FRONT (GOLD) | |
| 203 | 4-248-164-21 | PANEL (SIDE-L) (BLACK) | |
| 203 | 4-248-164-41 | PANEL (SIDE-L) (GOLD) | |
| 204 | 4-248-161-01 | WINDOW (IR) | |
| 205 | 4-248-169-01 | PLATE (S), LIGHT GUIDE | |
| 206 | 4-248-176-01 | PLATE (M), INDICATION (GOLD) | |
| 206 | 4-248-200-01 | PLATE (B), INDICATION (BLACK) | |
| 207 | 4-248-164-31 | PANEL (SIDE-R) (BLACK) | |
| 207 | 4-248-164-51 | PANEL (SIDE-R) (GOLD) | |
| 208 | 4-942-568-41 | EMBLEM (NO.5), SONY (BLACK) | |
| #3 | 7-682-546-04 | SCREW +B 3X5 | |

## 7-6. BASE PANEL SECTION



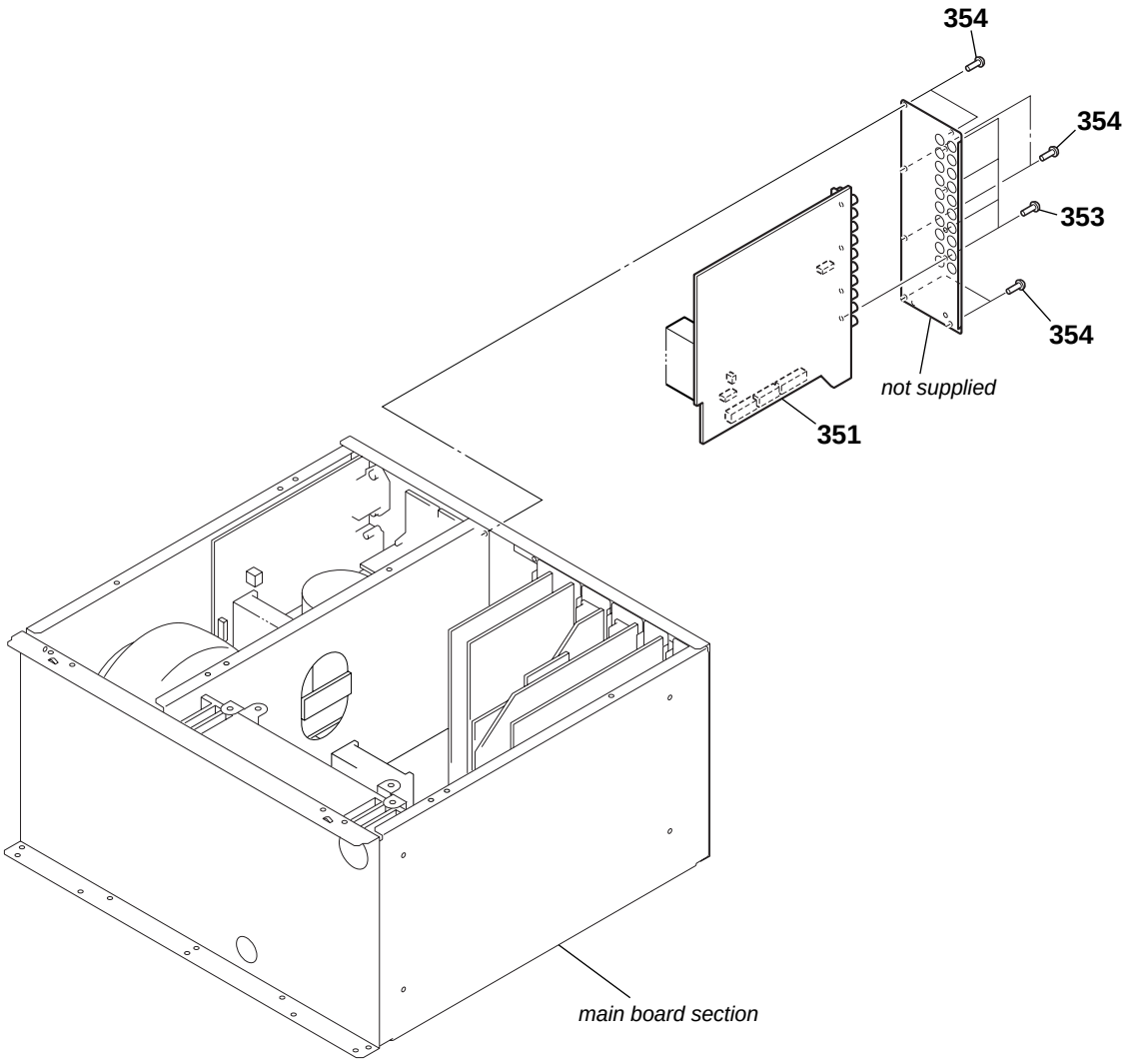

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 251 | 4-248-167-21 | PLATE (P), ORNAMENTAL (BLACK) | |
| 251 | 4-248-167-31 | PLATE (P), ORNAMENTAL (GOLD) | |
| 252 | 4-248-187-01 | CUSHION (DOOR) (GOLD) | |
| 252 | 4-248-187-11 | CUSHION (DOOR) (BLACK) | |
| 253 | 4-248-175-01 | ILLUMINATOR (A) | |
| 254 | 4-248-175-11 | ILLUMINATOR (B) | |
| 255 | 4-248-170-11 | BUTTON (A) (BLACK) | |
| 255 | 4-248-170-21 | BUTTON (A) (GOLD) | |
| 256 | 4-951-620-01 | SCREW (2.6X8), +BVTP | |
| 257 | 1-688-678-11 | H. P BOARD | |
| 258 | 4-933-134-11 | SCREW (+PTPWH M2.6X8) | |
| 259 | A-4733-784-A | F. VIDEO BOARD, COMPLETE | |
| 260 | 4-248-171-11 | BUTTON (B) (BLACK) | |
| 260 | 4-248-171-21 | BUTTON (B) (GOLD) | |
| 261 | 4-248-172-11 | BUTTON (C) (BLACK) | |
| 261 | 4-248-172-21 | BUTTON (C) (GOLD) | |
| 262 | 4-248-174-01 | FILTER (W) (BLACK) | |
| 263 | 4-974-510-11 | SCREW (+BV 3X8 UC) | |

### 7-7. AMP BOARD SECTION



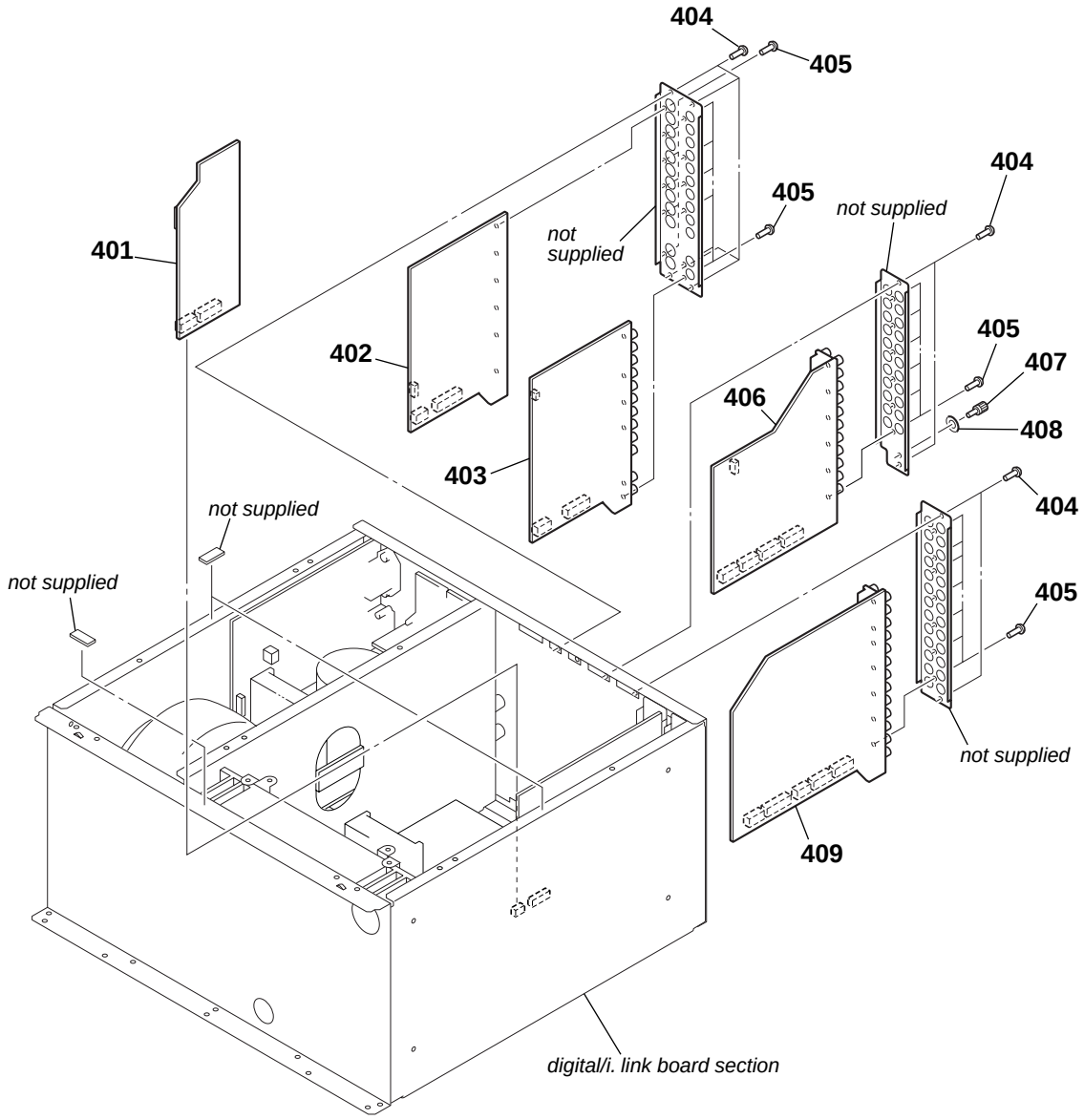

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 301 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| 302 | A-4733-769-A | FCOIL BOARD, COMPLETE | |
| 303 | A-4733-838-A | AMP BOARD, COMPLETE | |
| 304 | A-4733-771-A | RCOIL BOARD, COMPLETE | |

### 7-8. COMPONENT BOARD SECTION



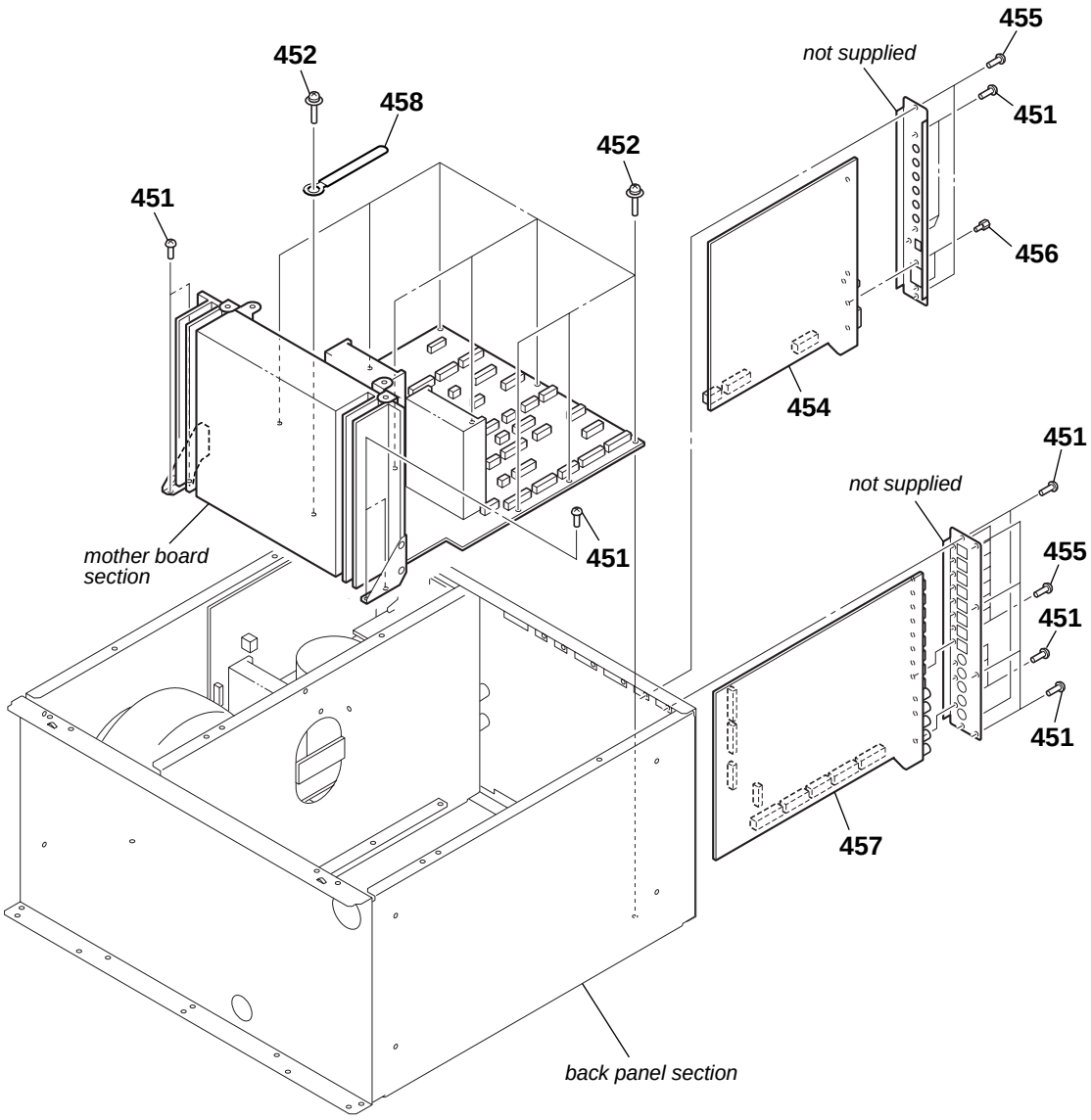

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 351 | A-4733-795-A | COMPONENT BOARD, COMPLETE (TW, KR) | |
| 351 | A-4733-853-A | COMPONENT BOARD, COMPLETE (AEP) | |
| 353 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| 354 | 3-704-515-21 | SCREW (BV/RING) | |

### 7-9. MAIN BOARD SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 401 | A-4733-810-A | PREOUT BOARD, COMPLETE | |
| 402 | A-4733-744-A | S-VIDEO BOARD, COMPLETE | |
| 403 | A-4733-743-A | VIDEO BOARD, COMPLETE | |
| 404 | 3-704-515-21 | SCREW (BV/RING) | |
| 405 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| 406 | A-4733-790-A | SUB BOARD, COMPLETE | |
| 407 | 4-947-010-01 | SCREW, FEEDER FIXED | |
| 408 | 4-927-669-01 | WASHER (BU) | |
| 409 | A-4733-788-A | MAIN BOARD, COMPLETE | |

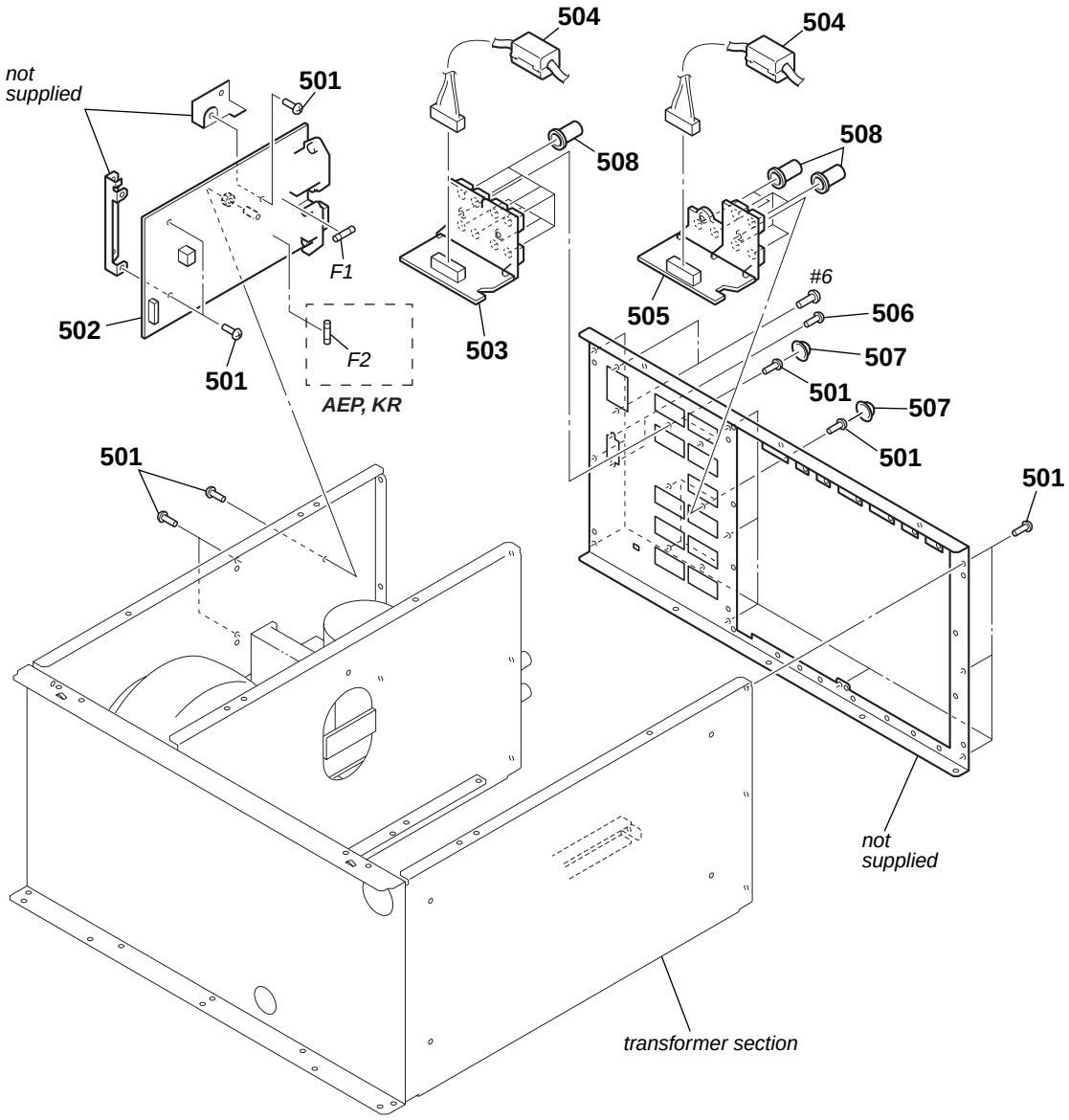
## 7-10. DIGITAL/I. LINK BOARD SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 451 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| 452 | 3-905-609-11 | SCREW (TRANSISTOR) | |
| 454 | A-4733-835-A | I. LINK BOARD, COMPLETE | |
| 455 | 3-704-515-21 | SCREW (BV/RING) | |
| 456 | 4-635-966-01 | SCREW (HEX) | |
| 457 | A-4733-841-A | DIGITAL BOARD, COMPLETE (TW, KR) | |
| 457 | A-4733-862-A | DIGITAL BOARD, COMPLETE(AEP) | |
| * 458 | 4-662-796-01 | CLIP, COACHING | |

New part of microcomputer (IC3002) and EEPROM (IC3001) on the I. LINK board cannot be used. Therefore, if the mounted I. LINK board (A-4733-835-A) is replaced, exchange new microcomputer and new EEPROM with that used before the replacement.

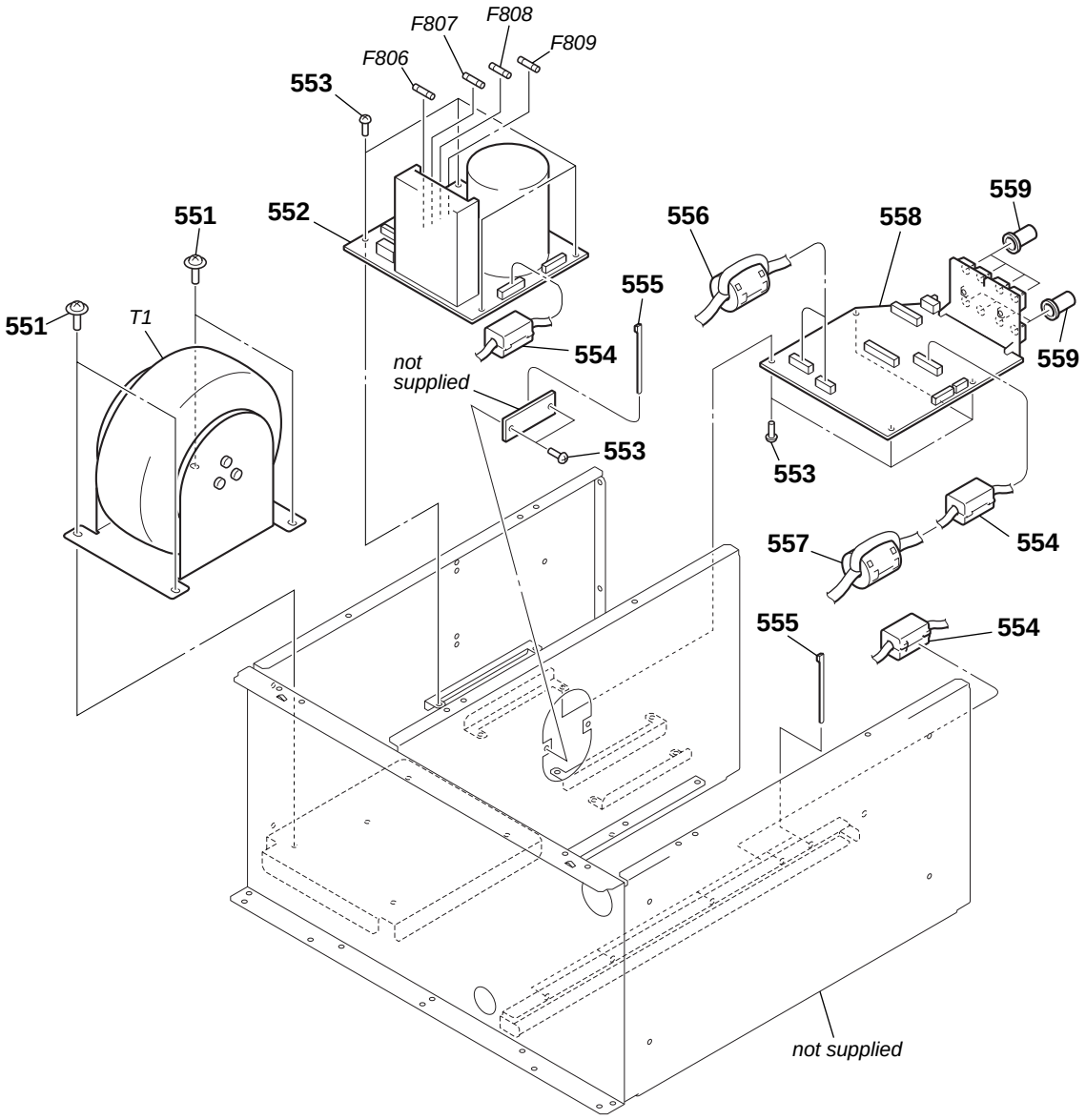
## 7-11. BACK PANEL SECTION




The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 501 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| 502 | A-4733-826-A | AC BOARD, COMPLETE (KR) | |
| 502 | A-4733-851-A | AC BOARD, COMPLETE (AEP) | |
| 502 | A-4734-825-A | AC BOARD, COMPLETE (TW) | |
| 503 | A-4733-833-A | RSP BOARD, COMPLETE | |
| 504 | 1-543-653-11 | CORE ASSY, BEAD (DIVISION TYPE) | |
| 505 | A-4733-832-A | CSP BOARD, COMPLETE | |
| 506 | 3-704-515-21 | SCREW (BV/RING) | |
| 507 | 4-251-318-01 | COVER, PROTECTION | |
| 508 | 4-251-297-01 | PLUG, TERMINAL | |
| ⚠F1 | 1-532-506-51 | FUSE (T6.3A/250V) (AEP, KR) | |
| ⚠F1 | 1-576-379-11 | FUSE (15A/250V) (TW) | |
| ⚠F2 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| #6 | 7-685-659-79 | SCREW +BVTP 4X8 TYPE2 IT-3 | |

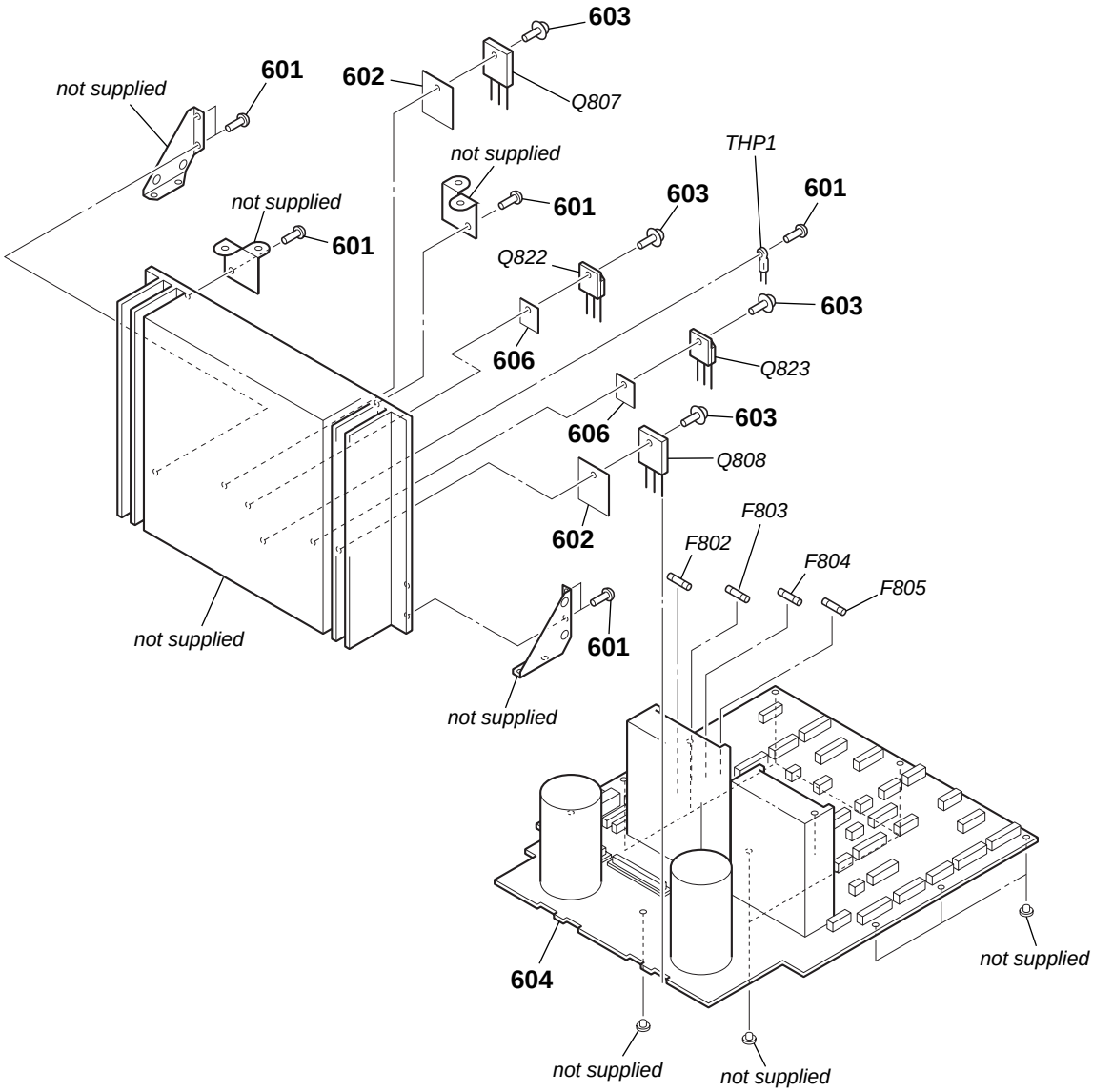
## 7-12. TRANSFORMER SECTION




The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 551 | 4-394-596-01 | SCREW (M5), TERMINAL | |
| 552 | A-4733-828-A | DC BOARD, COMPLETE | |
| 553 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| 554 | 1-543-653-11 | CORE ASSY, BEAD (DIVISION TYPE) | |
| 555 | 3-655-653-21 | BAND (TAITON), BINDING | |
| 556 | 1-500-021-11 | CLAMP, SLEEVE FERRITE | |
| 557 | 1-500-511-11 | CORE, FERRITE | |
| 558 | A-4733-831-A | FSP BOARD, COMPLETE | |
| 559 | 4-251-297-01 | PLUG, TERMINAL | |
| ⚠F806 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F806 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| ⚠F807 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F807 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| ⚠F808 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F808 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| ⚠F809 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F809 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| ⚠T1 | 1-439-818-11 | TRANSFORMER, POWER (AEP, KR) | |
| ⚠T1 | 1-439-876-11 | TRANSFORMER, POWER (TW) | |

## 7-13. MOTHER BOARD SECTION




The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 601 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| 602 | 4-248-714-11 | SHEET (DNK), RADIATION | |
| 603 | 3-905-609-11 | SCREW (TRANSISTOR) | |
| 604 | A-4733-848-A | MOTHER BOARD, COMPLETE (TW, KR) | |
| 604 | A-4733-869-A | MOTHER BOARD, COMPLETE(AEP) | |
| 606 | 4-248-714-01 | SHEET (DNK), RADIATION | |
| ⚠F802 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F802 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| ⚠F803 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F803 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| ⚠F804 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F804 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| ⚠F805 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F805 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| Q807 | 6-550-629-01 | FET 2SK1382 | |
| Q808 | 6-550-629-01 | FET 2SK1382 | |
| Q822 | 8-749-010-25 | IC MN2488-OPY-M | |
| Q823 | 8-749-010-25 | IC MN2488-OPY-M | |
| THP1 | 1-817-728-11 | SENSOR, THERMISTOR | |

# SECTION 8
# ELECTRICAL PARTS LIST

AC

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- Abbreviation
  KR : Korean model
  TW : Taiwan model
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA. . : µA. . uPA. . : µPA. .
  uPB. . : µPB. . uPC. . : µPC. .
  uPD. . : µPD. .
- CAPACITORS
  uF: µF
- COILS
  uH: µH

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

When indicating parts by reference number, please include the board.

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | A-4733-826-A | AC BOARD, COMPLETE (KR) | | | |
| | A-4733-851-A | AC BOARD, COMPLETE (AEP) | | | |
| | A-4734-825-A | AC BOARD, COMPLETE (TW) | | | |
| | | ********** | | | |
| | 1-533-189-11 | FUSE HOLDER | | | |
| * | 3-309-144-21 | HEAT SINK (TW) | | | |
| * | 4-941-237-01 | HEAT SINK (EXCEPT TW) | | | |
| | 4-974-510-11 | SCREW (+BV 3X8 CU) | | | |
| | | < CAPACITOR > | | | |
| ⚠C1 | 1-113-925-11 | CERAMIC | 0.01uF | 20% | 250V |
| C11 | 1-137-438-11 | MYLAR | 0.0082uF | 5% | 50V |
| C12 | 1-136-357-11 | FILM | 680PF | 5% | 100V |
| C13 | 1-135-686-51 | ELECT | 2200uF | | 25V |
| C14 | 1-135-697-11 | ELECT | 6800uF | | 16V |
| C15 | 1-137-150-11 | FILM | 0.01uF | 5% | 100V |
| C16 | 1-119-820-11 | ELECT | 1uF | 20% | 50V |
| C18 | 1-128-835-51 | ELECT | 1000uF | 20% | 10V |
| ⚠C19 | 1-113-511-11 | FILM | 0.47uF | 20% | 275V |
| ⚠C20 | 1-113-920-11 | CERAMIC | 0.0022uF | 20% | 250V |
| ⚠C21 | 1-113-920-11 | CERAMIC | 0.0022uF | 20% | 250V |
| ⚠C22 | 1-115-165-11 | FILM | 0.1uF | 20% | 275V |
| ⚠C23 | 1-113-920-11 | CERAMIC | 0.0022uF | 20% | 250V |
| ⚠C24 | 1-113-920-11 | CERAMIC | 0.0022uF | 20% | 250V |
| C25 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C26 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| | | < CONNECTOR > | | | |
| CN1 | 1-816-148-11 | INLET, AC (AC IN) | | | |
| CN2 | 1-785-285-11 | OUTLET, AC (1P) (AC OUTLET 1 SWITCHED, 100W MAX) (AEP) | | | |
| CN14 | 1-564-321-00 | PIN, CONNECTOR (3.96mm PITCH) 2P | | | |
| CN15 | 1-564-510-11 | PLUG (MICRO CONNECTOR) 6P | | | |
| | | < DIODE > | | | |
| D11 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D12 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D13 | 8-719-016-74 | DIODE 1SS352 | | | |
| D14 | 8-719-016-74 | DIODE 1SS352 | | | |
| D15 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D16 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D17 | 8-719-016-74 | DIODE 1SS352 | | | |
| D18 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D19 | 8-719-016-74 | DIODE 1SS352 | | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < EARTH TERMINAL > | | | |
| EP12 | 1-537-770-21 | TERMINAL BOARD, GROUND | | | |
| EP13 | 1-537-770-21 | TERMINAL BOARD, GROUND | | | |
| EP14 | 1-537-770-21 | TERMINAL BOARD, GROUND | | | |
| | | < IC > | | | |
| IC12 | 8-759-450-47 | IC BA05T | | | |
| | | < COIL > | | | |
| ⚠LF02 | 1-456-572-11 | INDUCTOR | 3.3mH (TW) | | |
| ⚠LF02 | 1-456-573-11 | INDUCTOR | 8.2mH (EXCEPT TW) | | |
| ⚠LF1 | 1-456-574-11 | INDUCTOR | 1.2mH | | |
| | | < TRANSISTOR > | | | |
| Q11 | 8-729-200-72 | TRANSISTOR | 2SC2712L-TE85L | | |
| Q12 | 8-729-200-72 | TRANSISTOR | 2SC2712L-TE85L | | |
| Q13 | 8-729-200-72 | TRANSISTOR | 2SC2712L-TE85L | | |
| Q14 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | |
| Q15 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | |
| Q16 | 8-729-140-93 | TRANSISTOR | 2SB733-34 | | |
| | | < RESISTOR > | | | |
| ⚠R1 | 1-217-782-11 | FUSIBLE | 3.3 | 5% | 5W F (TW) |
| ⚠R1 | 1-217-783-11 | FUSIBLE | 4.7 | 5% | 5W F (EXCEPT TW) |
| ⚠R2 | 1-217-782-11 | FUSIBLE | 3.3 | 5% | 5W F (TW) |
| ⚠R2 | 1-217-783-11 | FUSIBLE | 4.7 | 5% | 5W F (EXCEPT TW) |
| ⚠R3 | 1-217-782-11 | FUSIBLE | 3.3 | 5% | 5W F (TW) |
| ⚠R3 | 1-217-783-11 | FUSIBLE | 4.7 | 5% | 5W F (EXCEPT TW) |
| R11 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R12 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R13 | 1-208-449-41 | RES-CHIP | 3.3K | 2% | 1/10W |
| R14 | 1-216-687-11 | METAL CHIP | 33K | 0.5% | 1/10W |
| R15 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W |
| R16 | 1-208-518-41 | RES-CHIP | 22K | 2% | 1/10W |
| R17 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R18 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R19 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R20 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R21 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R22 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R23 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R24 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W |
| ⚠R27 | 1-219-237-91 | SOLID | 3.3M | 20% | 1/2W |
| | | < RELAY > | | | |
| ⚠RY1 | 1-755-439-11 | RELAY | | | |
| ⚠RY2 | 1-755-266-11 | RELAY, AC POWER | | | |
| | | < TRANSFORMER > | | | |
| ⚠T2 | 1-435-163-21 | TRANSFORMER, POWER (EXCEPT TW) | | | |
| ⚠T2 | 1-437-477-12 | TRANSFORMER, POWER (TW) | | | |
| ********** | | | | | |
| | A-4733-838-A | AMP BOARD, COMPLETE | | | |
| | | ********** | | | |
| | 4-974-510-11 | SCREW (+BV 3X8 CU) | | | |
| | | < CAPACITOR > | | | |
| C1501 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1502 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1504 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1505 | 1-100-629-11 | ELECT | 270uF | 20% | 10V |
| C1506 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1507 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1508 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1509 | 1-100-629-11 | ELECT | 270uF | 20% | 10V |
| C1510 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1511 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1512 | 1-162-915-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C1513 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1514 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1515 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1516 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1517 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1518 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1519 | 1-164-315-11 | CERAMIC CHIP | 470PF | 5% | 50V |
| C1520 | 1-164-315-11 | CERAMIC CHIP | 470PF | 5% | 50V |
| C1521 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1522 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1523 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1524 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1525 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1526 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1527 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1528 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1529 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1530 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1531 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1532 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1533 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1534 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1535 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1536 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1537 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1538 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1539 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1540 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1541 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1542 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1543 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1545 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1546 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1547 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1548 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1549 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1550 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1551 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1552 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1553 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1554 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1555 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1556 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1559 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1560 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1561 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1562 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1563 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1564 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1566 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1567 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1568 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1572 | 1-100-629-11 | ELECT | 270uF | 20% | 10V |
| C1573 | 1-100-629-11 | ELECT | 270uF | 20% | 10V |
| C1574 | 1-100-629-11 | ELECT | 270uF | 20% | 10V |
| C1575 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1576 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1577 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1578 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1579 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1580 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1581 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1582 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1583 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1584 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1585 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1586 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1587 | 1-135-730-91 | ELECT | 100uF | | 100V |
| C1588 | 1-135-730-91 | ELECT | 100uF | | 100V |
| C1589 | 1-135-730-91 | ELECT | 100uF | | 100V |
| C1596 | 1-162-915-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C1597 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1598 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1599 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1600 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1601 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1602 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1603 | 1-164-315-11 | CERAMIC CHIP | 470PF | 5% | 50V |
| C1604 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1605 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1606 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1607 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1608 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

## AMP

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C1609 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1610 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1611 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1612 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1613 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1614 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1615 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1616 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1617 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1618 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1619 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1620 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1621 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1622 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1623 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1624 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1625 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1626 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1627 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1628 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1629 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1630 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1631 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1632 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1633 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1634 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1635 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1636 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1637 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1638 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1639 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1640 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1641 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1642 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1643 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1644 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1645 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C1646 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1647 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1648 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1649 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1650 | 1-100-629-11 | ELECT | 270uF | 20% | 10V |
| C1651 | 1-100-629-11 | ELECT | 270uF | 20% | 10V |
| C1652 | 1-100-629-11 | ELECT | 270uF | 20% | 10V |
| C1653 | 1-100-629-11 | ELECT | 270uF | 20% | 10V |
| C1654 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1655 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1656 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1657 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1658 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1659 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1660 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1661 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1662 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1663 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1664 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1665 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1666 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1667 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1668 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1669 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1670 | 1-135-730-91 | ELECT | 100uF | | 100V |
| C1671 | 1-135-730-91 | ELECT | 100uF | | 100V |
| C1672 | 1-135-730-91 | ELECT | 100uF | | 100V |
| C1673 | 1-135-730-91 | ELECT | 100uF | | 100V |
| C1683 | 1-164-315-11 | CERAMIC CHIP | 470PF | 5% | 50V |
| C1684 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1685 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1686 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1687 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1688 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1689 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1690 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1695 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1696 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1697 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1698 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1699 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1700 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1701 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1702 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1703 | 1-162-915-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C1704 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1705 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1706 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1707 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1708 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1709 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1710 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1711 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1712 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1713 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1770 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| | | < CONNECTOR > | | | |
| * CN1501 | 1-770-734-11 | CONNECTOR, BOARD TO BOARD 20P | | | |
| CN1502 | 1-784-923-11 | PIN, CONNECTOR 7P | | | |
| CN1503 | 1-794-003-11 | CONNECTOR 15P | | | |
| CN1507 | 1-770-726-11 | CONNECTOR, BOARD TO BOARD 6P | | | |
| CN1508 | 1-770-726-11 | CONNECTOR, BOARD TO BOARD 6P | | | |
| | | < DIODE > | | | |
| D1504 | 8-719-016-74 | DIODE 1SS352 | | | |
| D1505 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D1506 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D1507 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D1508 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D1509 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D1510 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D1511 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D1512 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D1513 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D1514 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D1515 | 8-719-210-39 | DIODE EC10QS-04 | | | |
| D1516 | 8-719-210-39 | DIODE EC10QS-04 | | | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| D1517 | 8-719-210-39 | DIODE EC10QS-04 | |
| D1518 | 8-719-210-39 | DIODE EC10QS-04 | |
| | | < EARTH TERMINAL > | |
| EP1501 | 1-537-770-21 | TERMINAL BOARD, GROUND | |
| EP1502 | 1-537-770-21 | TERMINAL BOARD, GROUND | |
| EP1503 | 1-537-770-21 | TERMINAL BOARD, GROUND | |
| EP1504 | 1-537-770-21 | TERMINAL BOARD, GROUND | |
| EP1505 | 1-537-770-21 | TERMINAL BOARD, GROUND | |
| | | < FERRITE BEAD > | |
| FB1501 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB1502 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB1503 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB1504 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB1505 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB1506 | 1-414-813-11 | FERRITE, EMI (SMD) (2012) | |
| | | < IC > | |
| IC1504 | 6-702-673-01 | IC CXD9730Q | |
| IC1505 | 6-702-673-01 | IC CXD9730Q | |
| IC1506 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1507 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1508 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1509 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1510 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1511 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1513 | 1-805-248-11 | MODULE (HYBRID IC) | |
| IC1514 | 1-805-248-11 | MODULE (HYBRID IC) | |
| IC1515 | 1-805-248-11 | MODULE (HYBRID IC) | |
| IC1516 | 6-702-673-01 | IC CXD9730Q | |
| IC1517 | 6-702-673-01 | IC CXD9730Q | |
| IC1518 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1519 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1520 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1521 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1522 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1523 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1524 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1525 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1526 | 1-805-248-11 | MODULE (HYBRID IC) | |
| IC1527 | 1-805-248-11 | MODULE (HYBRID IC) | |
| IC1528 | 1-805-248-11 | MODULE (HYBRID IC) | |
| IC1529 | 1-805-248-11 | MODULE (HYBRID IC) | |
| IC1530 | 8-759-058-62 | IC TC7S08FU (TE85R) | |
| IC1531 | 8-759-196-96 | IC TC7SH08FU-TE85R | |
| IC1800 | 6-802-974-01 | IC MB89537APFM-G-461-BNDE1 | |
| | | < TRANSISTOR > | |
| Q1503 | 8-729-216-31 | TRANSISTOR 2SA1163-G | |
| Q1504 | 8-729-216-31 | TRANSISTOR 2SA1163-G | |
| Q1505 | 8-729-216-31 | TRANSISTOR 2SA1163-G | |
| Q1506 | 8-729-216-31 | TRANSISTOR 2SA1163-G | |
| Q1507 | 8-729-216-31 | TRANSISTOR 2SA1163-G | |
| Q1508 | 8-729-216-31 | TRANSISTOR 2SA1163-G | |
| Q1509 | 8-729-216-31 | TRANSISTOR 2SA1163-G | |
| Q1513 | 8-729-271-31 | TRANSISTOR 2SC2713-G | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < RESISTOR > | | | |
| R1503 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1504 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1505 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1506 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1507 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1508 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1509 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1510 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1511 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1512 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1513 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1514 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1515 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1516 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1517 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1518 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1519 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1520 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1521 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1522 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1528 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1531 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1532 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1533 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1534 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1535 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1537 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1539 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1540 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1541 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1542 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R1543 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1544 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1545 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1546 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1547 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1549 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1550 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1551 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1552 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1553 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1554 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1555 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1564 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1565 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1566 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1567 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1568 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1569 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R1572 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1574 | 1-211-960-11 | METAL CHIP | 22 | 0.5% | 1/10W |
| R1581 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1582 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1583 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1584 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1585 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |

## AMP

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1586 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1587 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1588 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1589 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1590 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1591 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1592 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1601 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1602 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1603 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1604 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1605 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1606 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1607 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1608 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1609 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1610 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1611 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1612 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1613 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1614 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1615 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1616 | 1-219-365-11 | SHORT CHIP | 0 | | |
| R1618 | 1-219-365-11 | SHORT CHIP | 0 | | |
| R1619 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R1620 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R1621 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R1622 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1623 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1624 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1625 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1626 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1627 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1628 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1629 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1630 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1631 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1632 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1633 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1634 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1635 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1636 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1637 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1638 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1639 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1640 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1641 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1642 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1643 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1644 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1645 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1646 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1647 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1648 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1649 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1650 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1651 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1652 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1653 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1654 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1655 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1656 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1657 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1658 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1659 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1660 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1661 | 1-219-365-11 | SHORT CHIP | 0 | | |
| R1662 | 1-219-365-11 | SHORT CHIP | 0 | | |
| R1663 | 1-219-365-11 | SHORT CHIP | 0 | | |
| R1664 | 1-219-365-11 | SHORT CHIP | 0 | | |
| R1665 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R1666 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R1667 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R1668 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R1669 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1670 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1671 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1672 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1674 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R1676 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1680 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R1684 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1686 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R1688 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R1690 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1692 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1693 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1694 | 1-219-365-11 | SHORT CHIP | 0 | | |
| R1695 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1696 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1697 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1699 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1700 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1703 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1705 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1707 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1708 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1709 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1710 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1712 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1714 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1715 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1716 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1717 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1718 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1720 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1721 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1722 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1724 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R1725 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1726 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1727 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1729 | 1-216-603-11 | METAL CHIP | 10 | 0.5% | 1/10W |
| R1730 | 1-216-603-11 | METAL CHIP | 10 | 0.5% | 1/10W |
| R1731 | 1-216-603-11 | METAL CHIP | 10 | 0.5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < VIBRATOR > | | | |
| X1501 | 1-579-952-21 | VIBRATOR, CERAMIC (8MHz) | | | |
| X1502 | 1-781-179-21 | OSCILLATOR, CRYSTAL (49.125MHz) | | | |
| ********** | | | | | |
| | A-4733-795-A | COMPONENT BOARD, COMPLETE (TW, KR) | | | |
| | A-4733-853-A | COMPONENT BOARD, COMPLETE (AEP) | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C1280 | 1-119-801-21 | ELECT | 220uF | 20% | 25V |
| C1281 | 1-119-801-21 | ELECT | 220uF | 20% | 25V |
| C1304 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1305 | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5% | 50V |
| C1306 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1307 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1310 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1311 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| C1313 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1314 | 1-119-835-31 | ELECT | 33uF | 20% | 63V |
| C1315 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1316 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1317 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C1318 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1319 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1320 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1321 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1322 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1323 | 1-119-835-31 | ELECT | 33uF | 20% | 63V |
| C1324 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| C1325 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| C1326 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1327 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1328 | 1-119-835-31 | ELECT | 33uF | 20% | 63V |
| C1329 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1330 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1331 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1332 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1333 | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5% | 50V |
| C1334 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C1335 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1336 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1337 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1338 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1339 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1340 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1341 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1342 | 1-119-835-31 | ELECT | 33uF | 20% | 63V |
| C1343 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| C1344 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1345 | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5% | 50V |
| C1346 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1347 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| C1348 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1349 | 1-119-835-31 | ELECT | 33uF | 20% | 63V |
| C1350 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1351 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1353 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C1354 | 1-163-222-11 | CERAMIC CHIP | 5PF | 0.25PF | 50V |
| C1355 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1356 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1357 | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5% | 50V |
| C1358 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1359 | 1-119-835-31 | ELECT | 33uF | 20% | 63V |
| C1360 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| C1361 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1362 | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5% | 50V |
| C1364 | 1-163-222-11 | CERAMIC CHIP | 5PF | 0.25PF | 50V |
| C1365 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| C1367 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1368 | 1-119-835-31 | ELECT | 33uF | 20% | 63V |
| C1369 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1370 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1371 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1372 | 1-163-222-11 | CERAMIC CHIP | 5PF | 0.25PF | 50V |
| C1373 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C1374 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1375 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1376 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1377 | 1-119-835-31 | ELECT | 33uF | 20% | 63V |
| C1378 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| C1379 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C1380 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1381 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1382 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1383 | 1-127-726-91 | ELECT | 470uF | 20% | 25V |
| C1384 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1385 | 1-119-820-11 | ELECT | 1uF | 20% | 50V |
| C1386 | 1-119-820-11 | ELECT | 1uF | 20% | 50V |
| C1387 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C1388 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V (AEP) |
| C1389 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V |
| C1390 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V (AEP) |
| C1391 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C1392 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V (AEP) |
| C1393 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1394 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V (AEP) |
| C1395 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V (AEP) |
| C1396 | 1-163-222-11 | CERAMIC CHIP | 5PF | 0.25PF | 50V |
| C1397 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1398 | 1-163-231-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C1399 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C1400 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C1401 | 1-163-231-11 | CERAMIC CHIP | 15PF | 5% | 50V (AEP) |
| C1402 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 50V |
| C1403 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1404 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (AEP) |
| C1405 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V (AEP) |
| C1406 | 1-128-854-11 | ELECT | 0.47uF | 20% | 50V |

## COMPONENT

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C1407 | 1-119-820-11 | ELECT | 1uF | 20% | 50V |
| C1408 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C1409 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1410 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C1411 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C1412 | 1-163-133-00 | CERAMIC CHIP | 470PF | 5% | 50V |
| C1413 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C1414 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1415 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C1416 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C1417 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1418 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V |
| C1419 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1420 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1421 | 1-128-854-11 | ELECT | 0.47uF | 20% | 50V |
| C1422 | 1-119-820-11 | ELECT | 1uF | 20% | 50V |
| C1423 | 1-163-017-00 | CERAMIC CHIP | 0.0047uF | 10% | 50V |
| C1424 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C1425 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1426 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1427 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1428 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1429 | 1-128-854-11 | ELECT | 0.47uF | 20% | 50V |
| C1430 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1431 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1432 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1433 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1434 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1435 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1436 | 1-137-658-91 | ELECT | 1000uF | 20% | 6.3V |
| C1437 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1438 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1439 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V |
| C1440 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C1441 | 1-163-231-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C1442 | 1-163-231-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C1443 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C1444 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C1445 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1446 | 1-119-822-11 | ELECT | 3.3uF | 20% | 50V |
| C1447 | 1-136-153-00 | MYLAR | 0.01uF | 5% | 50V |
| C1448 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C1449 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1450 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1451 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C1452 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C1453 | 1-137-658-91 | ELECT | 1000uF | 20% | 6.3V |
| C1454 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C1455 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V |
| C1456 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1457 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1458 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1459 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C1460 | 1-119-822-11 | ELECT | 3.3uF | 20% | 50V |
| C1461 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1462 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1463 | 1-163-227-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C1464 | 1-163-239-11 | CERAMIC CHIP | 33PF | 5% | 50V |
| C1465 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1466 | 1-128-840-11 | ELECT | 47uF | 20% | 16V |
| C1467 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C1468 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C1469 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1470 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C1471 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C1472 | 1-163-222-11 | CERAMIC CHIP | 5PF | 0.25PF | 50V |
| C1473 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V (AEP) |
| C1474 | 1-128-840-11 | ELECT | 47uF | 20% | 16V (AEP) |
| C1475 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C1476 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V (AEP) |
| C1477 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V (AEP) |
| C1478 | 1-163-222-11 | CERAMIC CHIP | 5PF | 0.25PF | 50V |
| C1479 | 1-163-091-00 | CERAMIC CHIP | 8PF | 0.25PF | 50V (AEP) |
| C1481 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V (AEP) |
| C1482 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1483 | 1-128-834-11 | ELECT | 470uF | 20% | 10V |
| C1484 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V (TW, KR) |
| C1485 | 1-163-091-00 | CERAMIC CHIP | 8PF | 0.25PF | 50V (TW, KR) |
| C1486 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C1487 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C1489 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V |
| C1490 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C1491 | 1-119-799-11 | ELECT | 47uF | 20% | 25V |
| C1492 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C1493 | 1-119-799-11 | ELECT | 47uF | 20% | 25V |
| C1494 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C1495 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C1497 | 1-163-222-11 | CERAMIC CHIP | 5PF | 0.25PF | 50V |
| C1498 | 1-163-222-11 | CERAMIC CHIP | 5PF | 0.25PF | 50V |
| C1499 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1500 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |

< CONNECTOR >

| | | |
|---|---|---|
| CN1301 | 1-770-411-11 | CONNECTOR, BOARD TO BOARD 20P |
| CN1302 | 1-770-409-11 | CONNECTOR, BOARD TO BOARD 16P |
| CN1303 | 1-770-411-11 | CONNECTOR, BOARD TO BOARD 20P |
| CN1306 | 1-784-922-11 | PIN, CONNECTOR 5P |
| CN1307 | 1-784-788-11 | CONNECTOR, FFC 27P (TW, KR) |
| CN1308 | 1-779-977-11 | PIN, CONNECTOR 6P (TW, KR) |
| CN1309 | 1-784-921-11 | PIN, CONNECTOR 4P |

< TRIMMER >

| | | | |
|---|---|---|---|
| CT1301 | 1-141-337-11 | CAP, TRIMMER | (TW, KR) |
| CT1302 | 1-141-337-11 | CAP, TRIMMER | (AEP) |
| CT1303 | 1-141-337-11 | CAP, TRIMMER | (AEP) |
| CT1304 | 1-141-337-11 | CAP, TRIMMER | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | < DIODE > | |
| D1301 | 8-719-016-74 | DIODE 1SS352 | |
| D1302 | 8-719-016-74 | DIODE 1SS352 | |
| D1303 | 8-719-016-74 | DIODE 1SS352 | |
| D1305 | 8-719-016-74 | DIODE 1SS352 | |
| D1306 | 8-719-016-74 | DIODE 1SS352 | |
| D1307 | 8-719-016-74 | DIODE 1SS352 | |
| D1308 | 8-719-016-74 | DIODE 1SS352 | |
| D1309 | 8-719-016-74 | DIODE 1SS352 | |
| D1310 | 8-719-016-74 | DIODE 1SS352 | |
| D1311 | 8-719-016-74 | DIODE 1SS352 | |
| D1312 | 8-719-016-74 | DIODE 1SS352 | |
| D1315 | 8-719-016-74 | DIODE 1SS352 | |
| D1316 | 8-719-016-74 | DIODE 1SS352 | |
| D1317 | 8-719-016-74 | DIODE 1SS352 | |
| D1318 | 8-719-016-74 | DIODE 1SS352 | |
| | | < FERRITE BEAD > | |
| FB1301 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB1303 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB1304 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB1305 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB1306 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB1307 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) (AEP) | |
| FB1308 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) (AEP) | |
| | | < FILTER > | |
| FL1301 | 1-239-847-11 | FILTER, LOW PASS | |
| FL1302 | 1-239-847-11 | FILTER, LOW PASS | |
| | | < IC > | |
| IC1301 | 8-759-238-47 | IC TC74HCT7007AF (EL) | |
| IC1302 | 6-702-387-01 | IC CXD9725M | |
| IC1303 | 8-759-711-85 | IC NJM4580E-D | |
| IC1304 | 8-759-238-47 | IC TC74HCT7007AF (EL) | |
| IC1305 | 6-702-387-01 | IC CXD9725M | |
| IC1306 | 8-759-711-85 | IC NJM4580E-D | |
| IC1307 | 6-702-387-01 | IC CXD9725M | |
| IC1308 | 8-759-711-85 | IC NJM4580E-D | |
| IC1313 | 6-702-387-01 | IC CXD9725M | |
| IC1314 | 8-759-711-85 | IC NJM4580E-D | |
| IC1315 | 8-759-711-85 | IC NJM4580E-D | |
| IC1317 | 8-759-701-59 | IC NJM78M09FA | |
| IC1318 | 8-759-565-20 | IC TDA4665T/V5-118 (AEP) | |
| IC1319 | 8-759-663-94 | IC LA7106M-TLM | |
| IC1320 | 8-752-109-74 | IC CXA2199Q | |
| IC1321 | 8-759-177-02 | IC NJM2267M (TE2) | |
| IC1322 | 8-759-671-94 | IC MC74HC4053AFEL | |
| IC1323 | 8-752-386-17 | IC CXD2064Q | |
| IC1324 | 8-759-671-94 | IC MC74HC4053AFEL | |
| IC1325 | 8-759-822-05 | IC LA7213 | |
| IC1326 | 8-759-293-21 | IC NJM2268M | |
| IC1327 | 8-759-671-94 | IC MC74HC4053AFEL | |
| IC1328 | 8-759-822-05 | IC LA7213 | |
| IC1329 | 6-700-367-01 | IC MB90089PF-G-238-BND | |
| IC1330 | 8-759-233-44 | IC TC74HC595AF | |
| IC1331 | 8-759-032-01 | IC MC74HC00AF (AEP) | |
| IC1332 | 8-759-233-44 | IC TC74HC595AF | |
| IC1333 | 8-759-242-70 | IC TC7WU04F (AEP) | |
| IC1334 | 8-759-445-59 | IC BA033T | |
| | | < JACK > | |
| J1303 | 1-815-520-11 | JACK, PIN 4P (PRE OUT SURR BACK, CENTER, SUB WOOFER) | |
| J1304 | 1-784-934-11 | JACK, PIN 4P (PRE OUT FRONT, SURROUND) | |
| J1305 | 1-817-657-11 | JACK, PIN 6P (COMPONENT VIDEO TV/SAT IN, MOTHER OUT) | |
| J1306 | 1-817-657-11 | JACK, PIN 6P (COMPONENT VIDEO DVD/LD IN, VIDEO 1 IN) | |
| | | < CAPACITOR > | |
| JW1301 | 1-163-038-00 | CERAMIC CHIP 0.1uF 25V | |
| JW1303 | 1-163-038-00 | CERAMIC CHIP 0.1uF 25V | |
| | | < COIL > | |
| L1301 | 1-408-781-00 | INDUCTOR 22uH | |
| | | < TRANSISTOR > | |
| Q1301 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | |
| Q1302 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | |
| Q1303 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | |
| Q1304 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | |
| Q1305 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | |
| Q1306 | 8-729-027-43 | TRANSISTOR DTC114EKA-T146 | |
| Q1307 | 8-729-140-97 | TRANSISTOR 2SB734-34 | |
| Q1308 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q1309 | 1-801-806-11 | TRANSISTOR DTC144EKA-T146 | |
| Q1310 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | |
| Q1311 | 1-801-806-11 | TRANSISTOR DTC144EKA-T146 | |
| Q1312 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q1313 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q1314 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q1315 | 1-801-806-11 | TRANSISTOR DTC144EKA-T146 | |
| Q1316 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | |
| Q1317 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | |
| Q1318 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | |
| Q1319 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | |
| Q1320 | 8-729-027-43 | TRANSISTOR DTC114EKA-T146 | |
| Q1321 | 8-729-140-97 | TRANSISTOR 2SB734-34 | |
| Q1322 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | |
| Q1326 | 1-801-806-11 | TRANSISTOR DTC144EKA-T146 | |
| | | < RESISTOR > | |
| R1285 | 1-208-449-41 | RES-CHIP 3.3K 2% 1/10W | |
| R1286 | 1-208-449-41 | RES-CHIP 3.3K 2% 1/10W | |
| R1287 | 1-208-462-41 | RES-CHIP 10K 2% 1/10W | |
| R1288 | 1-208-462-41 | RES-CHIP 10K 2% 1/10W | |
| R1289 | 1-208-462-41 | RES-CHIP 10K 2% 1/10W | |
| R1290 | 1-208-462-41 | RES-CHIP 10K 2% 1/10W | |
| R1291 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R1292 | 1-208-462-41 | RES-CHIP 10K 2% 1/10W | |
| R1293 | 1-208-462-41 | RES-CHIP 10K 2% 1/10W | |
| R1294 | 1-216-627-11 | METAL CHIP 100 0.5% 1/10W | |
| R1295 | 1-260-011-11 | CARBON MELF 18K 2% 1/8W | |
| R1296 | 1-259-999-11 | CARBON MELF 2.2K 2% 1/8W | |

## COMPONENT

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1297 | 1-260-011-11 | CARBON MELF | 18K | 2% | 1/8W |
| R1298 | 1-259-999-11 | CARBON MELF | 2.2K | 2% | 1/8W |
| R1299 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1301 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1302 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1303 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1304 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1305 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1306 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1307 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1308 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1309 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1310 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1311 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1312 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1313 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1314 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1315 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R1316 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1317 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1318 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1319 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1320 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1321 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W |
| ⚠R1322 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R1323 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W |
| R1324 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1325 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1326 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1327 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1328 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1329 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1330 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1331 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R1332 | 1-259-987-11 | CARBON MELF | 220 | 2% | 1/8W |
| R1333 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1334 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1335 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1336 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1337 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1338 | 1-259-987-11 | CARBON MELF | 220 | 2% | 1/8W |
| R1339 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W |
| R1340 | 1-259-987-11 | CARBON MELF | 220 | 2% | 1/8W |
| R1341 | 1-259-987-11 | CARBON MELF | 220 | 2% | 1/8W |
| ⚠R1342 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R1343 | 1-259-987-11 | CARBON MELF | 220 | 2% | 1/8W |
| R1344 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W |
| R1345 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1346 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1347 | 1-259-987-11 | CARBON MELF | 220 | 2% | 1/8W |
| R1348 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1349 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1350 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1351 | 1-259-987-11 | CARBON MELF | 220 | 2% | 1/8W |
| R1352 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1353 | 1-259-987-11 | CARBON MELF | 220 | 2% | 1/8W |
| R1354 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1355 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R1356 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1357 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1358 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1359 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1360 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1361 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W |
| ⚠R1362 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R1363 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W |
| R1364 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1365 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1366 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1367 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1368 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1369 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1370 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1371 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R1372 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R1373 | 1-260-011-11 | CARBON MELF | 18K | 2% | 1/8W |
| R1374 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1375 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1376 | 1-259-987-11 | CARBON MELF | 220 | 2% | 1/8W |
| R1377 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1378 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1379 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1380 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1381 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W |
| ⚠R1382 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| ⚠R1383 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R1384 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W |
| R1385 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1386 | 1-259-987-11 | CARBON MELF | 220 | 2% | 1/8W |
| R1387 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1388 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1389 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1390 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1391 | 1-260-011-11 | CARBON MELF | 18K | 2% | 1/8W |
| R1392 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1393 | 1-208-558-41 | RES-CHIP | 1M | 2% | 1/10W |
| R1394 | 1-216-655-11 | METAL CHIP | 1.5K | 0.5% | 1/10W |
| R1395 | 1-208-776-11 | METAL CHIP | 560 | 0.5% | 1/10W |
| R1396 | 1-208-824-11 | METAL CHIP | 56K | 0.5% | 1/10W |
| R1397 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1398 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R1399 | 1-208-774-11 | METAL CHIP | 470 | 0.5% | 1/10W (AEP) |
| R1400 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W |
| R1401 | 1-216-673-11 | METAL CHIP | 8.2K | 0.5% | 1/10W |
| R1402 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R1403 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1404 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R1405 | 1-216-655-11 | METAL CHIP | 1.5K | 0.5% | 1/10W |
| R1406 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R1407 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1408 | 1-208-518-41 | RES-CHIP | 22K | 2% | 1/10W |
| R1409 | 1-208-518-41 | RES-CHIP | 22K | 2% | 1/10W |
| R1410 | 1-216-661-11 | METAL CHIP | 2.7K | 0.5% | 1/10W |
| R1411 | 1-208-558-41 | RES-CHIP | 1M | 2% | 1/10W |

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1412 | 1-218-764-11 | METAL CHIP | 330K | 0.5% | 1/10W |
| R1413 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R1414 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1415 | 1-216-687-11 | METAL CHIP | 33K | 0.5% | 1/10W |
| R1416 | 1-216-635-11 | METAL CHIP | 220 | 0.5% | 1/10W |
| R1417 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1418 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1419 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1420 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1421 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1422 | 1-216-635-11 | METAL CHIP | 220 | 0.5% | 1/10W |
| R1423 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R1424 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R1425 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R1426 | 1-208-449-41 | RES-CHIP | 3.3K | 2% | 1/10W |
| R1427 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R1428 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R1429 | 1-216-631-11 | METAL CHIP | 150 | 0.5% | 1/10W |
| R1430 | 1-208-449-41 | RES-CHIP | 3.3K | 2% | 1/10W |
| R1431 | 1-216-631-11 | METAL CHIP | 150 | 0.5% | 1/10W |
| R1432 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1433 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1434 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1435 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1436 | 1-208-776-11 | METAL CHIP | 560 | 0.5% | 1/10W |
| R1437 | 1-208-776-11 | METAL CHIP | 560 | 0.5% | 1/10W |
| R1438 | 1-208-518-41 | RES-CHIP | 22K | 2% | 1/10W |
| R1439 | 1-208-558-41 | RES-CHIP | 1M | 2% | 1/10W |
| R1440 | 1-208-800-11 | METAL CHIP | 5.6K | 0.5% | 1/10W |
| R1441 | 1-208-800-11 | METAL CHIP | 5.6K | 0.5% | 1/10W |
| R1442 | 1-218-756-11 | METAL CHIP | 150K | 0.5% | 1/10W |
| R1443 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1444 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R1445 | 1-216-687-11 | METAL CHIP | 33K | 0.5% | 1/10W |
| R1446 | 1-208-518-41 | RES-CHIP | 22K | 2% | 1/10W |
| R1447 | 1-216-687-11 | METAL CHIP | 33K | 0.5% | 1/10W |
| R1448 | 1-208-518-41 | RES-CHIP | 22K | 2% | 1/10W |
| R1449 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1450 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1451 | 1-218-756-11 | METAL CHIP | 150K | 0.5% | 1/10W |
| R1452 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R1453 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1454 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R1455 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1456 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1457 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1458 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1459 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1460 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1461 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1462 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R1463 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1464 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1465 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R1466 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1467 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1468 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R1469 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1470 | 1-208-768-11 | METAL CHIP | 270 | 0.5% | 1/10W (AEP) 1/10W (TW, KR) |
| R1471 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W (AEP) |
| R1472 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W (AEP) |
| R1473 | 1-208-854-11 | METAL CHIP | 1M | 0.5% | 1/10W (AEP) |
| R1474 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1475 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1476 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1477 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1478 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1479 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1480 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1481 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R1482 | 1-208-854-11 | METAL CHIP | 1M | 0.5% | 1/10W (AEP) |
| R1483 | 1-208-768-11 | METAL CHIP | 270 | 0.5% | 1/10W (AEP) |
| R1484 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1485 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R1486 | 1-208-768-11 | METAL CHIP | 270 | 0.5% | 1/10W (AEP) |
| R1487 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1488 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1494 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R1495 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R1496 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R1497 | 1-208-774-11 | METAL CHIP | 470 | 0.5% | 1/10W |
| R1498 | 1-208-774-11 | METAL CHIP | 470 | 0.5% | 1/10W |
| R1499 | 1-208-774-11 | METAL CHIP | 470 | 0.5% | 1/10W |

< RELAY >

| | | |
|---|---|---|
| RY1301 | 1-755-294-11 | RELAY |
| RY1302 | 1-755-294-11 | RELAY |
| RY1303 | 1-755-294-11 | RELAY |
| RY1304 | 1-755-294-11 | RELAY |
| RY1305 | 1-755-294-11 | RELAY |
| RY1306 | 1-755-184-11 | RELAY |
| RY1307 | 1-755-184-11 | RELAY |
| RY1308 | 1-755-184-11 | RELAY |
| RY1309 | 1-755-184-11 | RELAY |
| RY1310 | 1-755-184-11 | RELAY |
| RY1311 | 1-755-184-11 | RELAY |
| RY1312 | 1-755-184-11 | RELAY |
| RY1313 | 1-755-184-11 | RELAY |

< VIBRATOR >

| | | |
|---|---|---|
| X1301 | 1-781-342-21 | OSCILLATOR, CRYSTAL (3.5795MHz) |
| X1302 | 1-781-134-21 | VIBRATOR, CRYSTAL (4.43MHz) (AEP) |
| X1303 | 1-577-611-11 | OSCILALTOR, CERAMIC (500kHz) |
| X1304 | 1-781-821-21 | VIBRATOR, CRYSTAL (14.31818MHz) (AEP) |
| X1305 | 1-781-820-21 | VIBRATOR, CRYSTAL (17.734475MHz) (AEP) |
| X1306 | 1-781-821-21 | VIBRATOR, CRYSTAL (14.31818MHz) (TW, KR) |

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# CSP DC DIGITAL

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | A-4733-832-A | CSP BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C622 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C623 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C643 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C644 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C646 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C647 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| | | < CONNECTOR > | | | |
| CN606 | 1-785-104-11 | PIN, CONNECTOR (3.96mm PITCH) 6P | | | |
| | | < COIL > | | | |
| L621 | 1-456-594-11 | INDUCTOR | 33uH | | |
| L641 | 1-456-594-11 | INDUCTOR | 33uH | | |
| L642 | 1-456-594-11 | INDUCTOR | 33uH | | |
| | | < TERMINAL > | | | |
| TM603 | 1-780-031-11 | TERMINAL BOARD (SP) (4P) (SPEAKERS CENTER, SURROUND BACK R) | | | |
| TM604 | 1-780-030-11 | TERMINAL BOARD (SP) (2P) (SPEAKERS SURROUND BACK L) | | | |
| ********** | | | | | |
| | A-4733-828-A | DC BOARD, COMPLETE | | | |
| | | ********** | | | |
| | 1-533-217-41 | HOLDER, FUSE | | | |
| * | 3-346-266-21 | PLATE, GROUND | | | |
| | 3-905-609-11 | SCREW (TRANSISTOR) | | | |
| | 4-383-023-01 | SHEET, MICA | | | |
| * | 4-931-964-01 | SCREW (M4) | | | |
| * | 4-941-237-01 | HEAT SINK | | | |
| | 4-974-510-11 | SCREW (+BV 3X8 CU) | | | |
| | | < CAPACITOR > | | | |
| C834 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V |
| C836 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V |
| C837 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C839 | 1-100-600-11 | ELECT (BLOCK) | 12000uF | 20% | 100V |
| C842 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V |
| C844 | 1-119-832-21 | ELECT | 1000uF | 20% | 50V |
| C845 | 1-135-780-51 | ELECT | 1000uF | | 35V |
| C847 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C849 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C850 | 1-119-806-21 | ELECT | 3300uF | 20% | 25V |
| C851 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C852 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C855 | 1-119-806-21 | ELECT | 3300uF | 20% | 25V |
| C864 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C865 | 1-119-806-21 | ELECT | 3300uF | 20% | 25V |
| C866 | 1-119-820-11 | ELECT | 1uF | 20% | 50V |
| C867 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| | | < CONNECTOR > | | | |
| * CN817 | 1-564-242-00 | PIN, CONNECTOR (3.96mm PITCH) 5P | | | |
| CN821 | 1-691-769-11 | PLUG (MICRO CONNECTOR) 7P | | | |
| CN828 | 1-691-769-21 | PLUG (MICRO CONNECTOR) 7P | | | |
| | | < DIODE > | | | |
| D819 | 6-500-661-01 | DIODE KCH30A20 | | | |
| D820 | 6-500-661-01 | DIODE KCH30A20 | | | |
| D821 | 8-719-016-74 | DIODE 1SS352 | | | |
| D822 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D823 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D824 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D825 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D826 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D827 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D828 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D829 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D830 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D831 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D832 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D833 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D834 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| | | < EARTH TERMINAL > | | | |
| * EP805 | 1-537-738-21 | TERMINAL, EARTH | | | |
| * EP806 | 1-537-738-21 | TERMINAL, EARTH | | | |
| | | < IC > | | | |
| IC815 | 8-759-605-03 | IC M5F78M24L | | | |
| | | < TRANSISTOR > | | | |
| Q831 | 8-729-271-31 | TRANSISTOR | 2SC2713-G | | |
| | | < RESISTOR > | | | |
| ⚠R835 | 1-215-866-11 | METAL OXIDE | 330 | 5% | 1W F |
| R880 | 1-208-518-41 | RES-CHIP | 22K | 2% | 1/10W |
| R881 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R882 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| | | < RELAY > | | | |
| RY1001 | 1-515-999-11 | RELAY, POWER | | | |
| ********** | | | | | |
| | A-4733-841-A | DIGITAL BOARD, COMPLETE (TW, KR) | | | |
| | A-4733-862-A | DIGITAL BOARD, COMPLETE (AEP) | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C2001 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2002 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2003 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2004 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2005 | 1-119-821-31 | ELECT | 2.2uF | 20% | 50V |
| C2006 | 1-119-821-31 | ELECT | 2.2uF | 20% | 50V |
| C2007 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2008 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V |
| C2009 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2010 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2011 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C2012 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2013 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2014 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2015 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2016 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2017 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2018 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2019 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2020 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2021 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2022 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2023 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2024 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2025 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2026 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2027 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2028 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2029 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2030 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2031 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2032 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2033 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2034 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2035 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2036 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2037 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2038 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2039 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2040 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2041 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2042 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2043 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2044 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2045 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2046 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2047 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2048 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2049 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2050 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2051 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2052 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2053 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2054 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2055 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2056 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2057 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2058 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2059 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2060 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2061 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2062 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2063 | 1-119-800-11 | ELECT | 100uF | 20% | 25V |
| C2066 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2067 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2068 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2069 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2070 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2071 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2081 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2082 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2083 | 1-119-792-21 | ELECT | 470uF | 20% | 16V |
| C2084 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2085 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2086 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2087 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2088 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2089 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2090 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2091 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2092 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2093 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2094 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2095 | 1-119-799-11 | ELECT | 47uF | 20% | 25V |
| C2097 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2098 | 1-119-799-11 | ELECT | 47uF | 20% | 25V |
| C2100 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2101 | 1-119-799-11 | ELECT | 47uF | 20% | 25V |
| C2103 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2104 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2106 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2107 | 1-119-799-11 | ELECT | 47uF | 20% | 25V |
| C2108 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2109 | 1-119-799-11 | ELECT | 47uF | 20% | 25V |
| C2111 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2112 | 1-119-792-21 | ELECT | 470uF | 20% | 16V |
| C2115 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2116 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2121 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V |
| C2122 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V |
| C2129 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2130 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2131 | 1-163-133-00 | CERAMIC CHIP | 470PF | 5% | 50V |
| C2132 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2133 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2134 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2135 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 50V |
| C2136 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2137 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2138 | 1-119-800-11 | ELECT | 100uF | 20% | 25V |
| C2139 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2140 | 1-119-779-11 | ELECT | 220uF | 20% | 10V |
| C2141 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2142 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2143 | 1-119-780-11 | ELECT | 330uF | 20% | 10V |
| C2161 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2162 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2163 | 1-119-792-21 | ELECT | 470uF | 20% | 16V |
| C2164 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2165 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2166 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2167 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2168 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2169 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2171 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2172 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |

## DIGITAL

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C2173 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2174 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2175 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2176 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2177 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2178 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2180 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2181 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2182 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2183 | 1-119-792-21 | ELECT | 470uF | 20% | 16V |
| C2201 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2202 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2203 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2204 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2205 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2206 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2207 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2208 | 1-163-237-11 | CERAMIC CHIP | 27PF | 5% | 50V |
| C2209 | 1-163-237-11 | CERAMIC CHIP | 27PF | 5% | 50V |
| C2210 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2211 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2212 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2213 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2214 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2215 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2216 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2217 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2218 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2219 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2220 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2221 | 1-119-780-11 | ELECT | 330uF | 20% | 10V |
| C2222 | 1-119-792-21 | ELECT | 470uF | 20% | 16V |
| C2223 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2224 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2225 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2226 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2227 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2228 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2229 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2251 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2252 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2253 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2254 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2255 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2256 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2257 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2258 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2259 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2260 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2261 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2262 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2263 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2264 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2265 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2266 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2267 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2268 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2269 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2270 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2271 | 1-119-780-11 | ELECT | 330uF | 20% | 10V |
| C2272 | 1-119-792-21 | ELECT | 470uF | 20% | 16V |
| C2274 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2301 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2302 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2303 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2304 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2305 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2306 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2307 | 1-119-800-11 | ELECT | 100uF | 20% | 25V |
| C2308 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2309 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2310 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V |
| C2311 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2312 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V |
| C2313 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2314 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2315 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2316 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2317 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2318 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2319 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2320 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2321 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2322 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2323 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2324 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2325 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2326 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2327 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2328 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2329 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2330 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2331 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2401 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2402 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2403 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2404 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2405 | 1-119-800-11 | ELECT | 100uF | 20% | 25V |
| C2406 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2407 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2408 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2426 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2427 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2428 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2429 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2430 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2431 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2433 | 1-119-800-11 | ELECT | 100uF | 20% | 25V |
| C2434 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2435 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C2451 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2452 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C2453 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2454 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C2461 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C2462 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C2463 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2464 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C2501 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2502 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2503 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2504 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2505 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2506 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2507 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2508 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2509 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2510 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2511 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2512 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2513 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2514 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2515 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2517 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2523 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2524 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2525 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2526 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2527 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2529 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2601 | 1-163-125-00 | CERAMIC CHIP | 220PF | 5% | 50V |
| C2602 | 1-163-125-00 | CERAMIC CHIP | 220PF | 5% | 50V |
| C2603 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2604 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2605 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2606 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2607 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2608 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2609 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2610 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2611 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2613 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2614 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2615 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2616 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2617 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2618 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2619 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2620 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2621 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2622 | 1-128-840-11 | ELECT | 47uF | 20% | 16V |
| C2623 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2624 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2625 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2626 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2627 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2628 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2629 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2630 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2631 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2632 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2633 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2634 | 1-119-820-11 | ELECT | 1uF | 20% | 50V |
| C2635 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2636 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2637 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2701 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2702 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2703 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C2704 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2705 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2706 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2707 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2708 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2709 | 1-163-017-00 | CERAMIC CHIP | 0.0047uF | 10% | 50V |
| C2710 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C2711 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2712 | 1-128-840-11 | ELECT | 47uF | 20% | 16V |
| C2801 | 1-128-834-11 | ELECT | 470uF | 20% | 10V |
| C2802 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2901 | 1-119-800-11 | ELECT | 100uF | 20% | 25V |
| C2902 | 1-119-800-11 | ELECT | 100uF | 20% | 25V |
| C2903 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C2905 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2906 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2907 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2908 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2909 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2910 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2911 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2912 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |

< CONNECTOR >

| | | |
|---|---|---|
| CN2001 | 1-770-411-11 | CONNECTOR, BOARD TO BOARD 20P |
| CN2002 | 1-770-411-11 | CONNECTOR, BOARD TO BOARD 20P |
| CN2003 | 1-770-409-11 | CONNECTOR, BOARD TO BOARD 16P |
| CN2004 | 1-770-410-11 | CONNECTOR, BOARD TO BOARD 18P |
| CN2005 | 1-770-411-11 | CONNECTOR, BOARD TO BOARD 20P |
| CN2006 | 1-794-003-11 | CONNECTOR 15P |
| CN2007 | 1-794-006-11 | CONNECTOR 20P |
| CN2008 | 1-794-004-11 | CONNECTOR 17P |

< DIODE >

| | | |
|---|---|---|
| D2081 | 8-719-053-18 | DIODE 1SR154-400TE-25 |
| D2121 | 8-719-988-61 | DIODE 1SS355TE-17 |
| D2122 | 8-719-988-61 | DIODE 1SS355TE-17 |
| D2201 | 8-719-988-61 | DIODE 1SS355TE-17 |
| D2301 | 8-719-801-78 | DIODE 1SS184 |
| D2601 | 8-719-801-78 | DIODE 1SS184 |
| D2602 | 8-719-988-61 | DIODE 1SS355TE-17 |
| D2603 | 8-719-801-78 | DIODE 1SS184 |
| D2701 | 8-719-801-78 | DIODE 1SS184 |

< FERRITE BEAD/SHORT >

| | | |
|---|---|---|
| FB2001 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) |
| FB2002 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) |
| FB2003 | 1-469-139-21 | FERRITE, EMI (SMD) (2012) |
| FB2004 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) |
| FB2061 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) |
| FB2081 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) |

# DIGITAL

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| FB2082 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2123 | 1-469-139-21 | FERRITE, EMI (SMD) (2012) | |
| FB2124 | 1-469-139-21 | FERRITE, EMI (SMD) (2012) | |
| FB2125 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2161 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2162 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2201 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2202 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2252 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2301 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2302 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2303 | 1-469-139-21 | FERRITE, EMI (SMD) (2012) | |
| FB2304 | 1-469-139-21 | FERRITE, EMI (SMD) (2012) | |
| FB2305 | 1-469-139-21 | FERRITE, EMI (SMD) (2012) | |
| FB2306 | 1-469-139-21 | FERRITE, EMI (SMD) (2012) | |
| FB2307 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2309 | 1-469-139-21 | FERRITE, EMI (SMD) (2012) | |
| FB2310 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2401 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2426 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2451 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2461 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2501 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2502 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2503 | 1-414-813-11 | FERRITE, EMI (SMD) (2012) | |
| FB2504 | 1-216-295-00 | SHORT CHIP 0 | |
| FB2511 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2601 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2701 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2901 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2902 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| | | < IC > | |
| IC2001 | 6-701-834-01 | IC PCM1802DBR | |
| IC2011 | 6-704-013-01 | IC DSD1800DBR | |
| IC2021 | 6-704-013-01 | IC DSD1800DBR | |
| IC2031 | 6-704-013-01 | IC DSD1800DBR | |
| IC2041 | 6-704-013-01 | IC DSD1800DBR | |
| IC2051 | 8-759-447-77 | IC TC7WH74FU (TE12R) | |
| IC2052 | 8-759-524-09 | IC TC74VHC153FT (EL) | |
| IC2063 | 8-759-524-10 | IC TC74VHC157FT (EL) | |
| IC2064 | 8-759-524-10 | IC TC74VHC157FT (EL) | |
| IC2081 | 6-600-012-11 | IC TOTX141L (RED) (DIGITAL OPTICAL VIDEO 1 OUT) | |
| IC2082 | 6-600-014-01 | IC TORX141L (DIGITAL OPTICAL VIDEO 1 IN) | |
| IC2083 | 6-600-012-11 | IC TOTX141L (RED) (DIGITAL OPTICAL MD/DAT OUT) | |
| IC2084 | 6-600-014-01 | IC TORX141L (DIGITAL OPTICAL LD IN) | |
| IC2085 | 6-600-014-01 | IC TORX141L (DIGITAL OPTICAL DVD IN) | |
| IC2086 | 6-600-014-01 | IC TORX141L (DIGITAL OPTICAL TV/SAT IN) | |
| IC2087 | 6-600-014-01 | IC TORX141L (DIGITAL OPTICAL MD/DAT IN) | |
| IC2088 | 6-600-014-01 | IC TORX141L (DIGITAL OPTICAL CD/SACD IN) | |
| IC2089 | 8-759-058-62 | IC TC7S08FU (TE85R) | |
| IC2090 | 8-759-058-62 | IC TC7S08FU (TE85R) | |
| IC2091 | 8-759-233-64 | IC TC74HCU04AF | |
| IC2092 | 8-759-233-64 | IC TC74HCU04AF | |
| IC2093 | 8-759-236-19 | IC TC74HC151AF (EL) | |
| IC2095 | 8-759-546-74 | IC TC7WH157FU (TE12R) | |
| IC2121 | 6-702-008-01 | IC LC89057W-VF4-E | |
| IC2161 | 6-703-372-01 | IC CXD9742Q | |
| IC2162 | 8-759-196-96 | IC TC7SH08FU-TE85R | |
| IC2163 | 6-703-372-01 | IC CXD9742Q | |
| IC2164 | 8-759-196-96 | IC TC7SH08FU-TE85R | |
| IC2165 | 8-759-835-63 | IC NJM2391DL1-26 (TE1) | |
| IC2201 | 6-702-047-01 | IC CXD9718Q | |
| IC2203 | 8-759-196-96 | IC TC7SH08FU-TE85R | |
| IC2204 | 8-759-546-74 | IC TC7WH157FU (TE12R) | |
| IC2205 | 8-759-926-17 | IC SN74HC153ANS | |
| IC2206 | 8-759-835-63 | IC NJM2391DL1-26 (TE1) | |
| IC2207 | 8-759-546-74 | IC TC7WH157FU (TE12R) | |
| IC2208 | 8-759-926-17 | IC SN74HC153ANS | |
| IC2209 | 8-759-546-74 | IC TC7WH157FU (TE12R) | |
| IC2210 | 8-759-524-48 | IC TC74VHC393FT (EL) | |
| IC2211 | 8-759-058-54 | IC TC7S00FU (TE85R) | |
| IC2251 | 6-704-421-01 | IC CXD9782R | |
| IC2252 | 6-704-037-01 | IC IC61LV6416-15TG | |
| IC2253 | 6-704-037-01 | IC IC61LV6416-15TG | |
| IC2254 | 8-759-196-96 | IC TC7SH08FU-TE85R | |
| IC2255 | 8-759-835-63 | IC NJM2391DL1-26 (TE1) | |
| IC2301 | 6-702-288-01 | IC CXD9722TQ | |
| IC2302 | (Not supplied) | IC MSM56V16160F-10T4FM1 | |
| IC2303 | 8-759-196-96 | IC TC7SH08FU-TE85R | |
| IC2304 | 8-759-096-87 | IC TC7WU04FU (TE12R) | |
| IC2305 | 8-759-447-77 | IC TC7WH74FU (TE12R) | |
| IC2306 | 8-759-546-74 | IC TC7WH157FU (TE12R) | |
| IC2307 | 8-759-546-74 | IC TC7WH157FU (TE12R) | |
| IC2308 | 8-759-196-96 | IC TC7SH08FU-TE85R | |
| IC2401 | 6-704-741-01 | IC CXD9776AQ | |
| IC2402 | 8-759-196-96 | IC TC7SH08FU-TE85R | |
| IC2426 | 6-803-008-01 | IC ISPLSI2032VE-110LTN44-MOD | |
| IC2427 | 8-759-392-01 | IC TC7SH86FU-TE85R | |
| IC2428 | 8-759-491-46 | IC TC74VHCT04AFT (EL) | |
| IC2429 | 8-759-523-95 | IC TC74VHC74FT (EL) | |
| IC2430 | 8-759-447-77 | IC TC7WH74FU (TE12R) | |
| IC2451 | 8-759-233-44 | IC TC74HC595AF | |
| IC2461 | 8-759-233-44 | IC TC74HC595AF | |
| IC2462 | 8-759-233-44 | IC TC74HC595AF | |
| IC2501 | 8-759-524-50 | IC TC74VHC541FT (EL) | |
| IC2503 | 8-759-008-37 | IC MC74HC4050F | |
| IC2504 | 8-759-524-50 | IC TC74VHC541FT (EL) | |
| IC2506 | 8-759-008-37 | IC MC74HC4050F | |
| IC2511 | 8-759-523-81 | IC TC74VHC08FT (EL) | |
| IC2512 | 8-759-447-77 | IC TC7WH74FU (TE12R) | |
| IC2601 | 6-802-971-02 | IC MB91F155-A9ES-X105 | |
| IC2602 | 8-759-546-74 | IC TC7WH157FU (TE12R) | |
| IC2603 | 8-759-641-86 | IC BR24C16F-E2 | |
| IC2604 | 8-759-277-63 | IC TC7W14FU (TE12R) | |
| IC2605 | 8-759-058-62 | IC TC7S08FU (TE85R) | |
| IC2701 | 8-759-666-99 | IC TMP87CH447U-1F23 | |
| IC2702 | 8-759-008-37 | IC MC74HC4050F | |
| IC2703 | 8-759-008-37 | IC MC74HC4050F | |
| IC2704 | 8-759-238-47 | IC TC74HCT7007AF (EL) | |
| IC2705 | 8-759-058-62 | IC TC7S08FU (TE85R) | |
| IC2706 | 6-702-912-01 | IC S-80942CNMC-G9CT2G | |
| IC2801 | 8-759-445-59 | IC BA033T | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| IC2901 | 6-703-787-01 | IC PCM1609KPTR | | | |
| | | < JACK > | | | |
| J2080 | 1-784-432-11 | JACK, PIN 1P (DIGITAL COAXIAL VIDEO 1 IN) | | | |
| J2081 | 1-817-958-11 | JACK, PIN 2P (DIGITAL COAXIAL LD IN, DVD IN) | | | |
| J2082 | 1-817-958-11 | JACK, PIN 2P (DIGITAL COAXIAL TV/SAT IN, CD/SACD IN) | | | |
| | | < SHORT > | | | |
| JW2801 | 1-216-295-00 | SHORT CHIP | 0 | | |
| | | < TRANSISTOR > | | | |
| Q2122 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | |
| Q2123 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | |
| Q2302 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q2303 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | |
| Q2601 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | |
| Q2602 | 8-729-024-91 | TRANSISTOR | 2SC2712-GL-TE85L | | |
| Q2603 | 8-729-024-91 | TRANSISTOR | 2SC2712-GL-TE85L | | |
| Q2701 | 8-729-024-91 | TRANSISTOR | 2SC2712-GL-TE85L | | |
| Q2702 | 8-729-024-91 | TRANSISTOR | 2SC2712-GL-TE85L | | |
| Q2703 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | |
| | | < RESISTOR > | | | |
| R2001 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2002 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2003 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2004 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2005 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R2008 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2009 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2010 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2011 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R2018 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2021 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2028 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2031 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2038 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2041 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2048 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2051 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2052 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2053 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2054 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2055 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2056 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2057 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2058 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2059 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2060 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2061 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2062 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2063 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2065 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2067 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2069 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2071 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2073 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2074 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2075 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2078 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2079 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2080 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2081 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2082 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2083 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2084 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2085 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2086 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2087 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2088 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2089 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2090 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2091 | 1-259-991-11 | CARBON MELF | 470 | 2% | 1/8W |
| R2092 | 1-259-909-11 | CARBON MELF | 75 | 2% | 1/8W |
| R2093 | 1-260-028-11 | CARBON MELF | 470K | 2% | 1/8W |
| R2094 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R2095 | 1-259-991-11 | CARBON MELF | 470 | 2% | 1/8W |
| R2096 | 1-259-909-11 | CARBON MELF | 75 | 2% | 1/8W |
| R2097 | 1-260-028-11 | CARBON MELF | 470K | 2% | 1/8W |
| R2098 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R2099 | 1-259-991-11 | CARBON MELF | 470 | 2% | 1/8W |
| R2100 | 1-259-909-11 | CARBON MELF | 75 | 2% | 1/8W |
| R2101 | 1-260-028-11 | CARBON MELF | 470K | 2% | 1/8W |
| R2102 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R2103 | 1-259-991-11 | CARBON MELF | 470 | 2% | 1/8W |
| R2104 | 1-259-909-11 | CARBON MELF | 75 | 2% | 1/8W |
| R2105 | 1-260-028-11 | CARBON MELF | 470K | 2% | 1/8W |
| R2106 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R2107 | 1-259-991-11 | CARBON MELF | 470 | 2% | 1/8W |
| R2108 | 1-259-909-11 | CARBON MELF | 75 | 2% | 1/8W |
| R2109 | 1-260-028-11 | CARBON MELF | 470K | 2% | 1/8W |
| R2110 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R2112 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2113 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2114 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2115 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2116 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2117 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2118 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2119 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2120 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2121 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2122 | 1-216-635-11 | METAL CHIP | 220 | 0.5% | 1/10W |
| R2123 | 1-208-558-41 | RES-CHIP | 1M | 2% | 1/10W |
| R2125 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2126 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2127 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2128 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2130 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2131 | 1-208-558-41 | RES-CHIP | 1M | 2% | 1/10W |
| R2132 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2133 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2134 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |

## DIGITAL

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R2135 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2136 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2137 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2138 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2139 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2140 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2141 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R2142 | 1-216-635-11 | METAL CHIP | 220 | 0.5% | 1/10W |
| R2143 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2144 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2145 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2146 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2147 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2148 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2149 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2150 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2151 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2152 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2153 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2154 | 1-211-960-11 | METAL CHIP | 22 | 0.5% | 1/10W |
| R2161 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2162 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2163 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2164 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2165 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2166 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2167 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2168 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2171 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2172 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2177 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R2178 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2179 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2180 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2182 | 1-208-774-11 | METAL CHIP | 470 | 0.5% | 1/10W |
| R2185 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2186 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2187 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2188 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2189 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2192 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2194 | 1-208-774-11 | METAL CHIP | 470 | 0.5% | 1/10W |
| R2195 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R2201 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2202 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2203 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2204 | 1-216-635-11 | METAL CHIP | 220 | 0.5% | 1/10W |
| R2205 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2206 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2207 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2208 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2209 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2210 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2211 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2212 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2213 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2214 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2215 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2216 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2217 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2218 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2219 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2220 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2221 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2222 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2223 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2224 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2225 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2226 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2227 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2228 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2229 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2230 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2231 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2232 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2233 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2234 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2235 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2236 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2237 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2238 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2239 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2240 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2241 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2242 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2243 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2244 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2245 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2246 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2247 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2248 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2249 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2250 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2251 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2252 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2253 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2254 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2255 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2256 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2257 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2258 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2259 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2260 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2261 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2262 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2263 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2264 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2265 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2266 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2267 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2268 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2269 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2270 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2271 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2272 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R2273 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2274 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2275 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2276 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2277 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2278 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2279 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2280 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2281 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2282 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2283 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2284 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2285 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2286 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2287 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2288 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2289 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2290 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2291 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2292 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2293 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2294 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2295 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2296 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2297 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2298 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2299 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2300 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2301 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2302 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2303 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2304 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2305 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2306 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2307 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2308 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2309 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2310 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2311 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2312 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2313 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2314 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2315 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2321 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2322 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2324 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2325 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2326 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2327 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2328 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2329 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2330 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2331 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2332 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2333 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2334 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2335 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2336 | 1-216-647-11 | METAL CHIP | 680 | 0.5% | 1/10W |
| R2337 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2338 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2339 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2340 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2341 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2342 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2343 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2344 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2345 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2346 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2347 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2348 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2349 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2351 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2352 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2353 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2354 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2360 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2361 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2362 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2363 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2364 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2365 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2401 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2402 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2403 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2404 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2405 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2406 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2407 | 1-208-774-11 | METAL CHIP | 470 | 0.5% | 1/10W |
| R2408 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2409 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2410 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2411 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2412 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2413 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2414 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2415 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2416 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2417 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2422 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2426 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2427 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2428 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2429 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2430 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2431 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2432 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2433 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2434 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2439 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2451 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2452 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2453 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2454 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2455 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2461 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |

## DIGITAL

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R2462 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2463 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2464 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2465 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2466 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2501 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2502 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2503 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2504 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2505 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2506 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2507 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2508 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2509 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2510 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2511 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2512 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2513 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2514 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2515 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2522 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2523 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2524 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2525 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2526 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2527 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2528 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2529 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2530 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2531 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2532 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2541 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2542 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2543 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2544 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2545 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2548 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2549 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2550 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2551 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2552 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2553 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2554 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2555 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2557 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2559 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2561 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2563 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2564 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2565 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2566 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2567 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2601 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2602 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2603 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2604 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2605 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2606 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2607 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2608 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2609 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2610 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2611 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2612 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2613 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W (TW, KR) |
| R2613 | 1-208-518-41 | RES-CHIP | 22K | 2% | 1/10W (AEP) |
| R2614 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2615 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2616 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2617 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2618 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2619 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2620 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2621 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2622 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2623 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2624 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2625 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2626 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2627 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2628 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2629 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2630 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2631 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2632 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2633 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2634 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2635 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2636 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2637 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2638 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2639 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2640 | 1-216-689-11 | METAL CHIP | 39K | 0.5% | 1/10W |
| R2641 | 1-216-689-11 | METAL CHIP | 39K | 0.5% | 1/10W |
| R2642 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2643 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2644 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2645 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2646 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2647 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2648 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2649 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2650 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2651 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2652 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2653 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2654 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2655 | 1-208-449-41 | RES-CHIP | 3.3K | 2% | 1/10W |
| R2656 | 1-208-449-41 | RES-CHIP | 3.3K | 2% | 1/10W |
| R2657 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2658 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2659 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2660 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2661 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R2662 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2663 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2664 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2665 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2666 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2667 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2668 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2669 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2670 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2671 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2672 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2673 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2674 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2675 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2676 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2677 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2678 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2679 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2680 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2681 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R2701 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2702 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2703 | 1-216-603-11 | METAL CHIP | 10 | 0.5% | 1/10W |
| R2704 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2705 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2706 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2707 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R2708 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2709 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2710 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2711 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2712 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2713 | 1-208-558-41 | RES-CHIP | 1M | 2% | 1/10W |
| R2714 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2715 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2716 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2717 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2718 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2719 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R2801 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2802 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2803 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2804 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2805 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2806 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2807 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2808 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2809 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2810 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2811 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2812 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2813 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2815 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2816 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2817 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2819 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2820 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2822 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2823 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2824 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2825 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2826 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2827 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2828 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2829 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2830 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2831 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2832 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2833 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2834 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2901 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2902 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2903 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2904 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2905 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2906 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2916 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2917 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R2918 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2919 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2920 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2921 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2922 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2931 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2932 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2933 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2934 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2935 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2936 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2937 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2938 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| | | < VIBRATOR > | | | |
| X2121 | 1-795-219-21 | VIBRATOR, CRYSTAL (24.576MHz) | | | |
| X2201 | 1-781-527-21 | VIBRATOR, CRYSTAL (13.5MHz) | | | |
| X2251 | 1-795-264-21 | VIBRATOR, CERAMIC (13.5MHz) | | | |
| X2301 | 1-767-286-11 | VIBRATOR, CRYSTAL (22.5792MHz) | | | |
| X2601 | 1-795-179-21 | VIBRATOR, CERAMIC (16.5MHz) | | | |
| X2701 | 1-767-938-21 | VIBRATOR, CERAMIC (7.28MHz) | | | |
| ********** | | | | | |
| | A-4733-780-A | DISP BOARD, COMPLETE | | | |
| | | ********** | | | |
| | 2-389-320-01 | CUSHION | | | |
| | 4-246-106-01 | HOLDER (FL) | | | |
| | | < CAPACITOR > | | | |
| C701 | 1-124-589-11 | ELECT | 47uF | 20% | 16V |
| C702 | 1-124-261-00 | ELECT | 10uF | 20% | 50V |
| C703 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C704 | 1-124-589-11 | ELECT | 47uF | 20% | 16V |
| C705 | 1-163-133-00 | CERAMIC CHIP | 470PF | 5% | 50V |
| C706 | 1-163-133-00 | CERAMIC CHIP | 470PF | 5% | 50V |
| C707 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C708 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |

# DISP

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C712 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C713 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C714 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C718 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C722 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C723 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C724 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C725 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C734 | 1-163-133-00 | CERAMIC CHIP | 470PF | 5% | 50V |
| C735 | 1-163-133-00 | CERAMIC CHIP | 470PF | 5% | 50V |
| | | < CONNECTOR > | | | |
| * CNP704 | 1-564-520-11 | PLUG, CONNECTOR 5P | | | |
| * CNP709 | 1-564-521-11 | PLUG, CONNECTOR 6P | | | |
| CNS701 | 1-794-001-11 | CONNECTOR 20P | | | |
| CNS702 | 1-793-999-11 | CONNECTOR 17P | | | |
| * CNS703 | 1-564-719-11 | PIN, CONNECTOR (SMALL TYPE) 3P | | | |
| * CNS704 | 1-564-719-11 | PIN, CONNECTOR (SMALL TYPE) 3P | | | |
| CNS705 | 1-568-741-11 | SOCKET, CONNECTOR 23P | | | |
| CNS706 | 1-564-718-11 | PIN, CONNECTOR (SMALL TYPE) 2P | | | |
| CNS710 | 1-564-718-11 | PIN, CONNECTOR (SMALL TYPE) 2P | | | |
| | | < DIODE > | | | |
| D701 | 8-719-075-59 | LED SELS5B23C-TP15 (Digital Cinema Sound) | | | |
| D702 | 8-719-075-59 | LED SELS5B23C-TP15 (SB DEC) | | | |
| D718 | 8-719-070-83 | LED SELU5E20C-TP15 (MULTI CHANNEL DECODING) | | | |
| D719 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D720 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D721 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D722 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D1017 | 8-719-046-39 | LED SEL5821A-TP15 (VIDEO 1) | | | |
| D1018 | 8-719-046-39 | LED SEL5821A-TP15 (VIDEO 2) | | | |
| D1019 | 8-719-046-39 | LED SEL5821A-TP15 (VIDEO 3) | | | |
| D1020 | 8-719-046-39 | LED SEL5821A-TP15 (VIDEO 4) | | | |
| D1021 | 8-719-046-39 | LED SEL5821A-TP15 (VIDEO 5) | | | |
| D1022 | 8-719-046-39 | LED SEL5821A-TP15 (LD) | | | |
| D1023 | 8-719-046-39 | LED SEL5821A-TP15 (DVD) | | | |
| D1024 | 8-719-046-39 | LED SEL5821A-TP15 (TV/SAT) | | | |
| D1025 | 8-719-046-39 | LED SEL5821A-TP15 (TAPE) | | | |
| D1026 | 8-719-046-39 | LED SEL5821A-TP15 (MD/DAT) | | | |
| D1027 | 8-719-046-39 | LED SEL5821A-TP15 (CD/SACD) | | | |
| D1028 | 8-719-046-39 | LED SEL5821A-TP15 (TUNER) | | | |
| D1029 | 8-719-046-39 | LED SEL5821A-TP15 (PHONO) | | | |
| D1030 | 8-719-046-39 | LED SEL5821A-TP15 (i. LINK) | | | |
| D1031 | 8-719-046-43 | LED SEL5421E-TP15 (DIRECT) | | | |
| D1032 | 8-719-075-59 | LED SELS5B23C-TP15 (NIGHT MODE) | | | |
| | | < FLUORESCENT INDICATOR TUBE > | | | |
| FL701 | 1-518-906-11 | INDICATOR TUBE, FLUORESCENT | | | |
| | | < IC > | | | |
| IC701 | 8-759-459-85 | IC NJL63H400A | | | |
| IC702 | 8-759-448-24 | IC NJU3718G (TE2) | | | |
| IC703 | 8-759-448-24 | IC NJU3718G (TE2) | | | |
| IC704 | 8-759-032-11 | IC MC74HC04AF | | | |
| IC705 | 8-759-238-47 | IC TC74HCT7007AF (EL) | | | |
| IC706 | 8-759-238-47 | IC TC74HCT7007AF (EL) | | | |
| | | < RESISTOR > | | | |
| R156 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R157 | 1-208-518-41 | RES-CHIP | 22K | 2% | 1/10W |
| R701 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R702 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R704 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R705 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R706 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R707 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R708 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R709 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R710 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R711 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R712 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R713 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R714 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R715 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R716 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R717 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R718 | 1-216-603-11 | METAL CHIP | 10 | 0.5% | 1/10W |
| ⚠R719 | 1-249-382-11 | CARBON | 1.2 | 5% | 1/4W F |
| ⚠R720 | 1-249-382-11 | CARBON | 1.2 | 5% | 1/4W F |
| R721 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R722 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R723 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R724 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R725 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R726 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R735 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R736 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R737 | 1-216-685-11 | METAL CHIP | 27K | 0.5% | 1/10W |
| R738 | 1-216-685-11 | METAL CHIP | 27K | 0.5% | 1/10W |
| R739 | 1-216-685-11 | METAL CHIP | 27K | 0.5% | 1/10W |
| R740 | 1-216-685-11 | METAL CHIP | 27K | 0.5% | 1/10W |
| R741 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R742 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R748 | 1-208-425-41 | RES-CHIP | 330 | 2% | 1/10W |
| R751 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R753 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R754 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R755 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R756 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R757 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R758 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R759 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R760 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R761 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R762 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| | | < ROTARY ENCODER> | | | |
| RV701 | 1-473-534-11 | ENCODER, ROTARY (MAIN MENU) | | | |
| RV702 | 1-473-534-11 | ENCODER, ROTARY (MENU) | | | |
| RV704 | 1-473-534-11 | ENCODER, ROTARY (–/+) | | | |
| RV706 | 1-473-534-11 | ENCODER, ROTARY (BASS) | | | |
| RV707 | 1-473-534-11 | ENCODER, ROTARY (TREBRE) | | | |

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

DISP | F. VIDEO | FCOIL | FSP

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < SWITCH > | | | |
| S718 | 1-771-349-21 | SWITCH, KEYBOARD (USER PRESET) | | | |
| S719 | 1-771-349-21 | SWITCH, KEYBOARD (DISPLAY) | | | |
| S720 | 1-771-349-21 | SWITCH, KEYBOARD (DECODE PRIORITY) | | | |
| S721 | 1-771-349-21 | SWITCH, KEYBOARD (DIRECT) | | | |
| S722 | 1-771-349-21 | SWITCH, KEYBOARD (MULTI CH IN 1/2) | | | |
| S723 | 1-771-349-21 | SWITCH, KEYBOARD (SURR BACK DECODING) | | | |
| S724 | 1-771-349-21 | SWITCH, KEYBOARD (INPUT MODE) | | | |
| S725 | 1-771-349-21 | SWITCH, KEYBOARD (REC OUT SELECTOR +) | | | |
| S726 | 1-771-349-21 | SWITCH, KEYBOARD (DIMMER) | | | |
| S727 | 1-771-349-21 | SWITCH, KEYBOARD (SLEEP) | | | |
| S728 | 1-771-349-21 | SWITCH, KEYBOARD (NIGHT MODE) | | | |
| S729 | 1-771-349-21 | SWITCH, KEYBOARD (ON SCREEN) | | | |
| S730 | 1-771-349-21 | SWITCH, KEYBOARD (TEST TONE) | | | |
| S731 | 1-771-349-21 | SWITCH, KEYBOARD (ENTER) | | | |
| S732 | 1-771-349-21 | SWITCH, KEYBOARD (REC OUT SELECTOR –) | | | |
| SW701 | 1-786-056-11 | SWITCH, ROTARY (SPEAKERS FRONT) | | | |
| SW702 | 1-762-537-11 | SWITCH, ROTARY (SPEAKERS SURROUND) | | | |
| ********** | | | | | |
| | A-4733-784-A | F. VIDEO BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C715 | 1-163-035-00 | CERAMIC CHIP | 0.047uF | | 50V |
| C716 | 1-163-033-00 | CERAMIC CHIP | 0.022uF | | 50V |
| C717 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C726 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C728 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| | | < CONNECTOR > | | | |
| CN709 | 1-784-924-11 | PIN, CONNECTOR 8P | | | |
| CN710 | 1-779-978-11 | PIN, CONNECTOR 3P | | | |
| | | < IC > | | | |
| IC707 | 6-600-014-01 | IC TORX141L (VIDEO 5 INPUT DIGITAL OPTICAL) | | | |
| | | < JACK > | | | |
| J702 | 1-764-190-21 | JACK, PIN 3P (VIDEO 5 INPUT S2 VIDEO, VIDEO, AUDIO) | | | |
| | | < RESISTOR > | | | |
| R730 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R731 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R732 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R733 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R734 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R743 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| ********** | | | | | |
| | A-4733-769-A | FCOIL BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C1590 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C1591 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C1592 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C1593 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C1594 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C1595 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C1714 | 1-100-153-11 | CERAMIC CHIP | 220PF | 5% | 100V |
| C1715 | 1-100-153-11 | CERAMIC CHIP | 220PF | 5% | 100V |
| C1716 | 1-100-153-11 | CERAMIC CHIP | 220PF | 5% | 100V |
| C1717 | 1-100-153-11 | CERAMIC CHIP | 220PF | 5% | 100V |
| C1722 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1723 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1724 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1725 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1730 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1731 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1732 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1733 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1738 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C1739 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C1740 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C1741 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C1746 | 1-100-153-11 | CERAMIC CHIP | 220PF | 5% | 100V |
| C1747 | 1-100-153-11 | CERAMIC CHIP | 220PF | 5% | 100V |
| C1752 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1753 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1758 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1759 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1764 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C1765 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| | | < CONNECTOR > | | | |
| * CN1506 | 1-564-243-11 | PIN, CONNECTOR (3.96mm PITCH) 6P | | | |
| | | < EARTH TERMINAL > | | | |
| EP1508 | 1-537-770-21 | TERMINAL BOARD, GROUND | | | |
| | | < COIL > | | | |
| L1501 | 1-456-411-11 | INDUCTOR | 10uH | | |
| L1502 | 1-456-411-11 | INDUCTOR | 10uH | | |
| L1503 | 1-456-411-11 | INDUCTOR | 10uH | | |
| L1504 | 1-456-411-11 | INDUCTOR | 10uH | | |
| L1505 | 1-456-411-11 | INDUCTOR | 10uH | | |
| L1506 | 1-456-411-11 | INDUCTOR | 10uH | | |
| | | < RESISTOR > | | | |
| R1732 | 1-249-818-11 | CARBON | 4.7K | 1% | 1/2W |
| R1733 | 1-249-818-11 | CARBON | 4.7K | 1% | 1/2W |
| R1734 | 1-249-818-11 | CARBON | 4.7K | 1% | 1/2W |
| ********** | | | | | |
| | A-4733-831-A | FSP BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C601 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C602 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C604 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V |
| C605 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C607 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |

## FSP

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C608 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C609 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C610 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C612 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V |
| C613 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C614 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C615 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C616 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V |
| C617 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C618 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C619 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C621 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V |
| C625 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V |
| C629 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C630 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V |
| C634 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C635 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C636 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V |
| C637 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C642 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C645 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C648 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| C649 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| C650 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| C651 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| C652 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| C653 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| | | < CONNECTOR > | | | |
| CN607 | 1-691-765-11 | PLUG (MICRO CONNECTOR) 3P | | | |
| CN608 | 1-691-769-11 | PLUG (MICRO CONNECTOR) 7P | | | |
| | | < DIODE > | | | |
| D601 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D602 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D603 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D604 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D605 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D606 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D607 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D608 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D609 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D610 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D611 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D612 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D613 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D614 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D615 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D616 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D617 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D618 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| | | < COIL > | | | |
| L601 | 1-456-594-11 | INDUCTOR | 33uH | | |
| L602 | 1-456-594-11 | INDUCTOR | 33uH | | |
| L603 | 1-456-594-11 | INDUCTOR | 33uH | | |
| L604 | 1-456-594-11 | INDUCTOR | 33uH | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < TRANSISTOR > | | | |
| Q601 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q602 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q603 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q604 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q605 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q606 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q607 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q608 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q609 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q610 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q611 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q612 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q613 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q614 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q615 | 8-729-271-31 | TRANSISTOR | 2SC2713-G | | |
| Q616 | 8-729-271-31 | TRANSISTOR | 2SC2713-G | | |
| Q617 | 8-729-271-31 | TRANSISTOR | 2SC2713-G | | |
| Q618 | 8-729-271-31 | TRANSISTOR | 2SC2713-G | | |
| Q619 | 8-729-271-31 | TRANSISTOR | 2SC2713-G | | |
| Q620 | 8-729-271-31 | TRANSISTOR | 2SC2713-G | | |
| | | < RESISTOR > | | | |
| R602 | 1-218-760-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R603 | 1-218-760-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R605 | 1-218-760-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R606 | 1-218-760-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R608 | 1-218-760-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R609 | 1-218-760-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R611 | 1-218-760-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R612 | 1-218-760-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R614 | 1-218-760-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R615 | 1-218-760-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R617 | 1-218-760-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R618 | 1-218-760-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R620 | 1-218-760-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R621 | 1-218-760-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R622 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R623 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R624 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R625 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R626 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R627 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R630 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R631 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R632 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R633 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R634 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R635 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R636 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R637 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R638 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R639 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R640 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R641 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R642 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < RELAY > | | | |
| RY601 | 1-515-920-11 | RELAY | | | |
| RY602 | 1-515-920-11 | RELAY | | | |
| RY603 | 1-515-920-11 | RELAY | | | |
| RY604 | 1-515-920-11 | RELAY | | | |
| RY605 | 1-515-920-11 | RELAY | | | |
| RY606 | 1-515-920-11 | RELAY | | | |
| RY607 | 1-515-920-11 | RELAY | | | |
| RY608 | 1-515-920-11 | RELAY | | | |
| RY609 | 1-515-920-11 | RELAY | | | |
| RY610 | 1-515-920-11 | RELAY | | | |
| RY611 | 1-515-920-11 | RELAY | | | |
| | | < SWITCH > | | | |
| S601 | 1-692-196-11 | SWITCH, SLIDE (IMPEDANCE SELECTOR) | | | |
| | | < TERMINAL > | | | |
| TM601 | 1-780-032-11 | TERMINAL BOARD (SP) (8P) (SPEAKERS FRONT) | | | |
| ********** | | | | | |
| | 1-688-676-11 | FUNC BOARD | | | |
| | | ********** | | | |
| | | < CONNECTOR > | | | |
| * CNP706 | 1-564-719-11 | PIN, CONNECTOR (SMALL TYPE) 3P | | | |
| | | < ROTARY ENCODER > | | | |
| RV705 | 1-475-976-11 | ENCODER, ROTARY (INPUT SELECTOR) | | | |
| ********** | | | | | |
| | 1-688-678-11 | H. P BOARD | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C719 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C720 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| C721 | 1-164-690-91 | CERAMIC CHIP | 0.0022uF | 5% | 50V |
| | | < CONNECTOR > | | | |
| CN711 | 1-784-922-11 | PIN, CONNECTOR 5P | | | |
| | | < JACK > | | | |
| J701 | 1-815-313-11 | JACK (PHONES) | | | |
| ********** | | | | | |
| | A-4733-835-A | I. LINK BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C3001 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C3003 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C3004 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3005 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3006 | 1-163-127-00 | CERAMIC CHIP | 270PF | 5% | 50V |
| C3007 | 1-163-127-00 | CERAMIC CHIP | 270PF | 5% | 50V |
| C3008 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C3009 | 1-128-840-11 | ELECT | 47uF | 20% | 16V |
| C3010 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3011 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3012 | 1-163-125-00 | CERAMIC CHIP | 220PF | 5% | 50V |
| C3013 | 1-163-239-11 | CERAMIC CHIP | 33PF | 5% | 50V |
| C3014 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3015 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3016 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3017 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3018 | 1-163-227-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C3019 | 1-163-227-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C3020 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3021 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3022 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C3023 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3024 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3025 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3026 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3027 | 1-136-153-00 | MYLAR | 0.01uF | 5% | 50V |
| C3028 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3029 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3030 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3031 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3032 | 1-136-169-00 | MYLAR | 0.22uF | 5% | 50V |
| C3033 | 1-127-719-91 | ELECT | 220uF | 20% | 16V |
| C3034 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3035 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3036 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3037 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3038 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3039 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3040 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3041 | 1-127-719-91 | ELECT | 220uF | 20% | 16V |
| C3042 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3043 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3044 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3045 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3046 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3047 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3048 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3049 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3050 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3051 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3052 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3053 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3054 | 1-127-719-91 | ELECT | 220uF | 20% | 16V |
| C3055 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3056 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3057 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3058 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3059 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3060 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3061 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3062 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3063 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3064 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3065 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3066 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |

## I. LINK

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C3067 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3068 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3069 | 1-163-227-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C3070 | 1-163-227-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C3071 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3072 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3073 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3074 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3075 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3076 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3077 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3078 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3079 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3501 | 1-128-840-11 | ELECT | 47uF | 20% | 16V |
| C3502 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3503 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3504 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3505 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3506 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3534 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3536 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C3551 | 1-127-720-91 | ELECT | 470uF | 20% | 16V |
| C3552 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3558 | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5% | 50V |
| C3561 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3562 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3563 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3564 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| | | < CONNECTOR > | | | |
| CN3001 | 1-784-369-21 | CONNECTOR, FFC/FPC 10P | | | |
| CN3501 | 1-770-409-11 | CONNECTOR, BOARD TO BOARD 16P | | | |
| CN3502 | 1-770-410-11 | CONNECTOR, BOARD TO BOARD 18P | | | |
| CN3503 | 1-770-412-11 | CONNECTOR, BOARD TO BOARD 6P | | | |
| | | < DIODE > | | | |
| D3002 | 8-719-058-24 | DIODE RB501V-40TE-17 | | | |
| D3004 | 8-719-058-24 | DIODE RB501V-40TE-17 | | | |
| D3551 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D3552 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D3553 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| | | < FERRITE BEAD > | | | |
| FB3001 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | |
| FB3002 | 1-469-139-21 | FERRITE, EMI (SMD) (2012) | | | |
| FB3003 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | |
| FB3004 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | |
| FB3005 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | |
| FB3006 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | |
| FB3007 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | |
| FB3008 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | |
| FB3531 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | |
| FB3532 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | |
| FB3552 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | |
| | | < IC > | | | |
| IC3001 | (Not supplied) | IC AT28BV64B-25SI | | | |
| IC3002 | (Not supplied) | IC M30626FHPFP-DA9000ES | | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| IC3003 | 8-752-421-58 | IC CXD3210AR | | | |
| IC3004 | 6-700-852-01 | IC SI-3018LUS-TP | | | |
| IC3005 | 8-759-669-75 | IC TLC2932IPWR | | | |
| IC3006 | 8-759-232-71 | IC TC74HC161AF | | | |
| IC3007 | 8-759-032-01 | IC MC74HC00AF | | | |
| IC3008 | 6-702-020-01 | IC MSM51V18160F-60T47M1 | | | |
| IC3009 | 8-759-232-71 | IC TC74HC161AF | | | |
| IC3010 | 8-759-832-05 | IC BA18BC0FP-E2 | | | |
| IC3011 | 8-759-649-46 | IC SN74AHC1G08DCKR | | | |
| IC3012 | 6-704-169-01 | IC TMS320VC5409PGE100A | | | |
| IC3013 | 8-759-196-96 | IC TC7SH08FU-TE85R | | | |
| IC3501 | 8-759-663-90 | IC ADM3222ARU-REEL | | | |
| IC3551 | 8-759-445-59 | IC BA033T | | | |
| | | < JACK > | | | |
| J3002 | 1-793-078-11 | CONNECTOR, SQUARE TYPE 4P (i. LINK S200 AUDIO IN) | | | |
| J3501 | 1-815-737-11 | CONNECTOR, (D) SUB 9P (RS232C) | | | |
| J3533 | 1-563-330-11 | JACK (CONTROL A1II) | | | |
| | | < COIL > | | | |
| L1902 | 1-400-098-21 | COIL, COMMON MODE CHOKE | | | |
| L1904 | 1-400-098-21 | COIL, COMMON MODE CHOKE | | | |
| | | < TRANSISTOR > | | | |
| Q3551 | 8-729-140-93 | TRANSISTOR | 2SB733-34 | | |
| Q3552 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | |
| | | < RESISTOR > | | | |
| R3001 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3002 | 1-208-558-41 | RES-CHIP | 1M | 2% | 1/10W |
| R3003 | 1-208-359-81 | RES-CHIP | 56 | 0.5% | 1/10W |
| R3004 | 1-208-359-81 | RES-CHIP | 56 | 0.5% | 1/10W |
| R3005 | 1-208-359-81 | RES-CHIP | 56 | 0.5% | 1/10W |
| R3006 | 1-208-359-81 | RES-CHIP | 56 | 0.5% | 1/10W |
| R3007 | 1-208-359-81 | RES-CHIP | 56 | 0.5% | 1/10W |
| R3008 | 1-208-359-81 | RES-CHIP | 56 | 0.5% | 1/10W |
| R3009 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3010 | 1-208-359-81 | RES-CHIP | 56 | 0.5% | 1/10W |
| R3011 | 1-208-359-81 | RES-CHIP | 56 | 0.5% | 1/10W |
| R3012 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3013 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3014 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3015 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3017 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3023 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3024 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3025 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3026 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3027 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R3028 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R3029 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R3030 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R3031 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R3032 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3033 | 1-216-671-11 | METAL CHIP | 6.8K | 0.5% | 1/10W |
| R3034 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R3035 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |

New part of microcomputer (IC3002) and EEPROM (IC3001) on the I. LINK board cannot be used. Therefore, if the mounted I. LINK board (A-4733-835-A) is replaced, exchange new microcomputer and new EEPROM with that used before the replacement.

**I. LINK** **IR**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R3036 | 1-216-657-11 | METAL CHIP | 1.8K | 0.5% | 1/10W |
| R3037 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R3038 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3039 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3040 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R3041 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3042 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3043 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3044 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3045 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3046 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3047 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R3048 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3049 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3050 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3051 | 1-208-774-11 | METAL CHIP | 470 | 0.5% | 1/10W |
| R3052 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R3053 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3054 | 1-216-663-11 | METAL CHIP | 3.3K | 0.5% | 1/10W |
| R3055 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3056 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3057 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3058 | 1-208-449-41 | RES-CHIP | 3.3K | 2% | 1/10W |
| R3059 | 1-208-449-41 | RES-CHIP | 3.3K | 2% | 1/10W |
| R3060 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R3061 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R3062 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R3063 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3064 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3065 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3066 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3067 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3068 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3069 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3070 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3071 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3072 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3073 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3074 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R3075 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R3076 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3077 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3078 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3079 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3080 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3081 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3082 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3083 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3084 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3085 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3086 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3087 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3088 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3089 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3090 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3091 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3092 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3093 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3094 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3095 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R3096 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3097 | 1-208-558-41 | RES-CHIP | 1M | 2% | 1/10W |
| R3098 | 1-208-774-11 | METAL CHIP | 470 | 0.5% | 1/10W |
| R3099 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3100 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3101 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3102 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3103 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3104 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3105 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3106 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3107 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3108 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3109 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3110 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3111 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3112 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3113 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3114 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3115 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3116 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3117 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3118 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3119 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R3120 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R3121 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R3122 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3501 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3502 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3551 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R3552 | 1-216-647-11 | METAL CHIP | 680 | 0.5% | 1/10W |
| R3553 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| | | < VIBRATOR > | | | |
| X3001 | 1-795-219-21 | VIBRATOR, CRYSTAL (24.576MHz) | | | |
| X3002 | 1-795-244-11 | VIBRATOR, CERAMIC (10MHz) | | | |
| X3003 | 1-579-996-21 | VIBRATOR, CERAMIC (20MHz) | | | |
| ********** | | | | | |
| | A-4733-773-A | IR BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C709 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C710 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C711 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C733 | 1-137-658-91 | ELECT | 1000uF | 20% | 6.3V |
| | | < DIODE > | | | |
| D709 | 8-719-016-74 | DIODE 1SS352 | | | |
| D710 | 8-719-075-86 | LED SID307BRTP19 (IR RECEPTOR) | | | |
| D711 | 8-719-075-86 | LED SID307BRTP19 (IR RECEPTOR) | | | |
| D712 | 8-719-075-86 | LED SID307BRTP19 (IR RECEPTOR) | | | |
| D713 | 8-719-075-86 | LED SID307BRTP19 (IR RECEPTOR) | | | |
| D714 | 8-719-016-74 | DIODE 1SS352 | | | |

## IR MAIN

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| D715 | 8-719-016-74 | DIODE 1SS352 | | | |
| D716 | 8-719-075-86 | LED SID307BRTP19 (IR RECEPTOR) | | | |
| D717 | 8-719-075-86 | LED SID307BRTP19 (IR RECEPTOR) | | | |
| | | < TRANSISTOR > | | | |
| Q701 | 8-729-801-93 | TRANSISTOR | 2SD1387-3 | | |
| Q702 | 8-729-801-93 | TRANSISTOR | 2SD1387-3 | | |
| Q703 | 8-729-801-93 | TRANSISTOR | 2SD1387-3 | | |
| | | < RESISTOR > | | | |
| R771 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R772 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R773 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R774 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R775 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R776 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| ********** | | | | | |
| | A-4733-788-A | MAIN BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C101 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C102 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C103 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C104 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C106 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C107 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C108 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C109 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C110 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C111 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C112 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C113 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C114 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C115 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C116 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C117 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C118 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C119 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C120 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C121 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C122 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C123 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C124 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C125 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C126 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C127 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C128 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C129 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C130 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C131 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C132 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C134 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C135 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C136 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C137 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C138 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C139 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C142 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C143 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C144 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C145 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C146 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C147 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C151 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C152 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C153 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C154 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C160 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C161 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C162 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C163 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C164 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C165 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C166 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C167 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C168 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C169 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C170 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C171 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C172 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C173 | 1-136-817-11 | FILM | 0.0033uF | 5% | 100V |
| C174 | 1-136-817-11 | FILM | 0.0033uF | 5% | 100V |
| C175 | 1-136-817-11 | FILM | 0.0033uF | 5% | 100V |
| C176 | 1-136-817-11 | FILM | 0.0033uF | 5% | 100V |
| C177 | 1-136-817-11 | FILM | 0.0033uF | 5% | 100V |
| C178 | 1-136-817-11 | FILM | 0.0033uF | 5% | 100V |
| C179 | 1-136-817-11 | FILM | 0.0033uF | 5% | 100V |
| C180 | 1-136-817-11 | FILM | 0.0033uF | 5% | 100V |
| C181 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C182 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C183 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C184 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C185 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C186 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C187 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C188 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C189 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C190 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C191 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C192 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C193 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C194 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C195 | 1-119-834-11 | ELECT | 22uF | 20% | 63V |
| C196 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C197 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C198 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C199 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C200 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C201 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C202 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |
| C203 | 1-119-827-11 | ELECT | 47uF | 20% | 50V |

New part of microcomputer (IC3002) and EEPROM (IC3001) on the I. LINK board cannot be used. Therefore, if the mounted I. LINK board (A-4733-835-A) is replaced, exchange new microcomputer and new EEPROM with that used before the replacement.

# MAIN

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | < CONNECTOR > | |
| CN101 | 1-770-408-11 | CONNECTOR, BOARD TO BOARD 14P | |
| CN102 | 1-770-408-11 | CONNECTOR, BOARD TO BOARD 14P | |
| CN103 | 1-770-405-11 | CONNECTOR, BOARD TO BOARD 8P | |
| CN104 | 1-770-411-11 | CONNECTOR, BOARD TO BOARD 20P | |
| CN105 | 1-770-406-11 | CONNECTOR, BOARD TO BOARD 10P | |
| | | < IC > | |
| IC101 | 8-759-835-79 | IC TC9274N-016 | |
| IC102 | 8-759-835-79 | IC TC9274N-016 | |
| IC103 | 8-759-835-78 | IC TC9274N-015 | |
| IC105 | 8-759-835-78 | IC TC9274N-015 | |
| IC106 | 8-759-711-85 | IC NJM4580E-D | |
| IC107 | 8-759-711-85 | IC NJM4580E-D | |
| IC108 | 8-759-711-85 | IC NJM4580E-D | |
| IC109 | 8-759-711-85 | IC NJM4580E-D | |
| IC110 | 8-759-711-85 | IC NJM4580E-D | |
| IC111 | 8-759-711-85 | IC NJM4580E-D | |
| IC112 | 8-759-711-85 | IC NJM4580E-D | |
| IC113 | 8-759-708-05 | IC NJM78L05A | |
| IC114 | 8-759-711-85 | IC NJM4580E-D | |
| IC115 | 8-759-711-85 | IC NJM4580E-D | |
| IC116 | 8-759-711-85 | IC NJM4580E-D | |
| IC117 | 8-759-711-85 | IC NJM4580E-D | |
| IC118 | 8-759-711-85 | IC NJM4580E-D | |
| IC119 | 8-759-711-85 | IC NJM4580E-D | |
| IC120 | 8-759-711-85 | IC NJM4580E-D | |
| IC121 | 8-759-711-85 | IC NJM4580E-D | |
| IC122 | 8-759-238-47 | IC TC74HCT7007AF (EL) | |
| IC123 | 8-759-711-85 | IC NJM4580E-D | |
| IC124 | 8-759-711-85 | IC NJM4580E-D | |
| IC125 | 8-759-711-85 | IC NJM4580E-D | |
| IC126 | 8-759-711-85 | IC NJM4580E-D | |
| IC127 | 8-759-711-85 | IC NJM4580E-D | |
| | | < JACK > | |
| J101 | 1-784-934-11 | JACK, PIN 4P (AUDIO TAPE IN/OUT) | |
| J102 | 1-785-295-11 | JACK, PIN 6P (AUDIO MD/DAT IN, MD/DAT OUT, CD/SACD IN) | |
| J103 | 1-784-934-11 | JACK, PIN 4P (MULTI CHANNEL IN 1 FRONT, SURROUND) | |
| J104 | 1-815-520-11 | JACK, PIN 4P (MULTI CHANNEL IN 1 SURR BACK, CENTER, SUB WOOFER) | |
| J105 | 1-784-934-11 | JACK, PIN 4P (MULTI CHANNEL IN 2 FRONT, SURROUND) | |
| J106 | 1-815-520-11 | JACK, PIN 4P (MULTI CHANNEL IN 2 SURR BACK, CENTER, SUB WOOFER) | |
| | | < RESISTOR > | |
| R101 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R102 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R103 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R104 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R105 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R106 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R107 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R108 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R109 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R110 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R111 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R112 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R113 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R114 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R115 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R116 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R117 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R118 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R119 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R120 | 1-259-999-11 | CARBON MELF 2.2K 2% 1/8W | |
| R121 | 1-259-999-11 | CARBON MELF 2.2K 2% 1/8W | |
| R122 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R123 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R124 | 1-259-999-11 | CARBON MELF 2.2K 2% 1/8W | |
| R125 | 1-259-999-11 | CARBON MELF 2.2K 2% 1/8W | |
| R126 | 1-259-995-11 | CARBON MELF 1K 2% 1/8W | |
| R127 | 1-260-004-11 | CARBON MELF 4.7K 2% 1/8W | |
| R128 | 1-260-004-11 | CARBON MELF 4.7K 2% 1/8W | |
| R129 | 1-260-010-11 | CARBON MELF 15K 2% 1/8W | |
| R130 | 1-260-010-11 | CARBON MELF 15K 2% 1/8W | |
| R131 | 1-260-010-11 | CARBON MELF 15K 2% 1/8W | |
| R132 | 1-260-010-11 | CARBON MELF 15K 2% 1/8W | |
| R133 | 1-260-008-11 | CARBON MELF 10K 2% 1/8W | |
| R134 | 1-260-008-11 | CARBON MELF 10K 2% 1/8W | |
| R135 | 1-260-011-11 | CARBON MELF 18K 2% 1/8W | |
| R136 | 1-260-011-11 | CARBON MELF 18K 2% 1/8W | |
| R137 | 1-260-013-11 | CARBON MELF 27K 2% 1/8W | |
| R138 | 1-260-013-11 | CARBON MELF 27K 2% 1/8W | |
| R141 | 1-260-015-11 | CARBON MELF 39K 2% 1/8W | |
| R142 | 1-260-015-11 | CARBON MELF 39K 2% 1/8W | |
| R143 | 1-260-008-11 | CARBON MELF 10K 2% 1/8W | |
| R144 | 1-260-008-11 | CARBON MELF 10K 2% 1/8W | |
| R148 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R149 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R150 | 1-260-020-11 | CARBON MELF 100K 2% 1/8W | |
| R151 | 1-260-008-11 | CARBON MELF 10K 2% 1/8W | |
| R152 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R153 | 1-260-008-11 | CARBON MELF 10K 2% 1/8W | |
| R154 | 1-259-977-11 | CARBON MELF 33 2% 1/8W | |
| R155 | 1-259-977-11 | CARBON MELF 33 2% 1/8W | |
| R156 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R157 | 1-259-977-11 | CARBON MELF 33 2% 1/8W | |
| R158 | 1-259-977-11 | CARBON MELF 33 2% 1/8W | |
| R159 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R160 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R161 | 1-259-977-11 | CARBON MELF 33 2% 1/8W | |
| R162 | 1-259-977-11 | CARBON MELF 33 2% 1/8W | |
| R163 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R164 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R165 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R166 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R167 | 1-259-977-11 | CARBON MELF 33 2% 1/8W | |
| R168 | 1-259-977-11 | CARBON MELF 33 2% 1/8W | |
| R169 | 1-260-008-11 | CARBON MELF 10K 2% 1/8W | |
| R171 | 1-260-008-11 | CARBON MELF 10K 2% 1/8W | |
| R174 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |

## MAIN MOTHER

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R175 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R178 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R180 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R181 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R182 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R185 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R186 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R187 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R188 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R189 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R190 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R191 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R192 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R193 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R194 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R195 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R196 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R197 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R198 | 1-260-002-11 | CARBON MELF | 3.3K | 2% | 1/8W |
| R199 | 1-260-002-11 | CARBON MELF | 3.3K | 2% | 1/8W |
| R200 | 1-260-002-11 | CARBON MELF | 3.3K | 2% | 1/8W |
| R201 | 1-260-002-11 | CARBON MELF | 3.3K | 2% | 1/8W |
| R202 | 1-260-002-11 | CARBON MELF | 3.3K | 2% | 1/8W |
| R203 | 1-260-002-11 | CARBON MELF | 3.3K | 2% | 1/8W |
| R204 | 1-260-002-11 | CARBON MELF | 3.3K | 2% | 1/8W |
| R205 | 1-260-002-11 | CARBON MELF | 3.3K | 2% | 1/8W |
| R206 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R207 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R208 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R209 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R210 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R211 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R212 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R213 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R214 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R215 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R216 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R217 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R218 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R219 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R220 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R221 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R222 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R223 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R224 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R225 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R226 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R227 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R228 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R229 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R230 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R231 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R232 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R233 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R234 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R235 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R236 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |
| R237 | 1-259-979-11 | CARBON MELF | 47 | 2% | 1/8W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R238 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R239 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R240 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R241 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R242 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R243 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R244 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R245 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R246 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R247 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R248 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R249 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R250 | 1-260-013-11 | CARBON MELF | 27K | 2% | 1/8W |
| R251 | 1-260-013-11 | CARBON MELF | 27K | 2% | 1/8W |
| R252 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R253 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R254 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R255 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R256 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R257 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R258 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R259 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R260 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R261 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R262 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R263 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R264 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R265 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R266 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R267 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |

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| | | | | | |
|---|---|---|---|---|---|
| | A-4733-848-A | MOTHER BOARD, COMPLETE (TW, KR) | | | |
| | A-4733-869-A | MOTHER BOARD, COMPLETE (AEP) | | | |
| | | ********** | | | |
| | 1-533-217-41 | HOLDER, FUSE | | | |
| * | 3-309-144-21 | HEAT SINK | | | |
| * | 4-941-237-01 | HEAT SINK | | | |
| | 4-974-510-11 | SCREW (+BV 3X8 CU) | | | |
| | | < CAPACITOR > | | | |
| C802 | 1-119-803-11 | ELECT | 470uF | 20% | 25V |
| C807 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C809 | 1-119-815-21 | ELECT | 2200uF | 20% | 35V |
| C810 | 1-119-803-11 | ELECT | 470uF | 20% | 25V |
| C811 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C812 | 1-119-803-11 | ELECT | 470uF | 20% | 25V |
| C813 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C814 | 1-119-815-21 | ELECT | 2200uF | 20% | 35V |
| C815 | 1-119-796-21 | ELECT | 4700uF | 20% | 16V |
| C816 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C817 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C818 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C819 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C820 | 1-119-796-21 | ELECT | 4700uF | 20% | 16V |
| C821 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C822 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C823 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |

## MOTHER

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C824 | 1-128-860-11 | ELECT | 47uF | 20% | 50V |
| C825 | 1-128-860-11 | ELECT | 47uF | 20% | 50V |
| C826 | 1-128-873-91 | ELECT | 220uF | 20% | 63V |
| C827 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C828 | 1-128-860-11 | ELECT | 47uF | 20% | 50V |
| C829 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C830 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C832 | 1-135-669-11 | ELECT | 470uF | | 10V |
| C835 | 1-100-599-11 | ELECT (BLOCK) | 6800uF | 20% | 71V |
| C838 | 1-135-734-51 | ELECT | 1000uF | | 100V |
| C840 | 1-100-599-11 | ELECT (BLOCK) | 6800uF | 20% | 71V |
| C841 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C843 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C846 | 1-163-101-00 | CERAMIC CHIP | 22PF | 5% | 50V |
| C853 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C854 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C856 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C857 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C858 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C859 | 1-135-703-91 | ELECT | 22uF | | 25V |
| C860 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C861 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C862 | 1-135-703-91 | ELECT | 22uF | | 25V |
| C863 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C868 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C869 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C870 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C871 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C872 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C873 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C874 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C880 | 1-163-101-00 | CERAMIC CHIP | 22PF | 5% | 50V |
| C881 | 1-135-760-51 | ELECT | 1000uF | | 50V |
| C884 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C887 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C888 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C889 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C890 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C891 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C892 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C893 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C894 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C895 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C896 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C897 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C898 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C899 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C900 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C901 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C902 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C903 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C904 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C907 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C908 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C909 | 1-100-621-11 | ELECT | 470uF | 20% | 10V |
| C910 | 1-135-665-91 | ELECT | 47uF | | 10V |
| C911 | 1-135-681-91 | ELECT | 100uF | | 25V |
| C912 | 1-137-150-11 | FILM | 0.01uF | 5% | 100V |
| C913 | 1-137-150-11 | FILM | 0.01uF | 5% | 100V |
| C914 | 1-135-770-91 | ELECT | 47uF | | 63V |
| C915 | 1-135-770-91 | ELECT | 47uF | | 63V |
| C917 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C918 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C919 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C920 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C921 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C925 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C926 | 1-137-150-11 | FILM | 0.01uF | 5% | 100V |
| C927 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C928 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |

< CONNECTOR >

| Ref. No. | Part No. | Description |
|---|---|---|
| CN803 | 1-691-768-11 | PLUG (MICRO CONNECTOR) 6P |
| CN806 | 1-691-767-11 | PLUG (MICRO CONNECTOR) 5P |
| CN807 | 1-691-767-11 | PLUG (MICRO CONNECTOR) 5P |
| CN809 | 1-564-510-11 | PLUG (MICRO CONNECTOR) 6P |
| CN815 | 1-770-722-11 | CONNECTOR, BOARD TO BOARD 6P |
| CN816 | 1-770-722-11 | CONNECTOR, BOARD TO BOARD 6P |
| CN820 | 1-691-765-11 | PLUG (MICRO CONNECTOR) 3P |
| CN823 | 1-691-769-11 | PLUG (MICRO CONNECTOR) 7P |
| * CN824 | 1-766-957-11 | CONNECTOR, BOARD TO BOARD 20P |
| * CN827 | 1-564-243-11 | PIN, CONNECTOR (3.96mm PITCH) 6P |
| CN829 | 1-691-769-21 | PLUG (MICRO CONNECTOR) 7P |
| CNS801 | 1-770-386-11 | CONNECTOR, BOARD TO BOARD 20P |
| CNS802 | 1-770-386-11 | CONNECTOR, BOARD TO BOARD 20P |
| CNS803 | 1-770-384-21 | CONNECTOR, BOARD TO BOARD 16P |
| CNS804 | 1-770-385-11 | CONNECTOR, BOARD TO BOARD 18P |
| CNS805 | 1-770-386-11 | CONNECTOR, BOARD TO BOARD 20P |
| CNS806 | 1-770-384-21 | CONNECTOR, BOARD TO BOARD 16P |
| CNS807 | 1-770-385-11 | CONNECTOR, BOARD TO BOARD 18P |
| CNS808 | 1-770-379-11 | CONNECTOR, BOARD TO BOARD 6P |
| CNS809 | 1-770-380-11 | CONNECTOR, BOARD TO BOARD 8P |
| CNS810 | 1-770-383-11 | CONNECTOR, BOARD TO BOARD 14P |
| CNS811 | 1-770-383-11 | CONNECTOR, BOARD TO BOARD 14P |
| CNS812 | 1-770-383-11 | CONNECTOR, BOARD TO BOARD 14P |
| CNS813 | 1-770-383-11 | CONNECTOR, BOARD TO BOARD 14P |
| CNS814 | 1-770-380-11 | CONNECTOR, BOARD TO BOARD 8P |
| CNS815 | 1-770-380-11 | CONNECTOR, BOARD TO BOARD 8P |
| CNS816 | 1-770-385-11 | CONNECTOR, BOARD TO BOARD 18P |
| CNS817 | 1-770-386-11 | CONNECTOR, BOARD TO BOARD 20P |
| CNS818 | 1-770-379-11 | CONNECTOR, BOARD TO BOARD 6P |
| CNS819 | 1-770-386-11 | CONNECTOR, BOARD TO BOARD 20P |
| CNS820 | 1-770-384-21 | CONNECTOR, BOARD TO BOARD 16P |
| CNS821 | 1-770-386-11 | CONNECTOR, BOARD TO BOARD 20P |
| CNS822 | 1-770-384-21 | CONNECTOR, BOARD TO BOARD 16P |
| CNS823 | 1-770-381-11 | CONNECTOR, BOARD TO BOARD 10P |
| CNS824 | 1-770-381-11 | CONNECTOR, BOARD TO BOARD 10P |
| CNS825 | 1-770-386-11 | CONNECTOR, BOARD TO BOARD 20P |
| CNS826 | 1-770-382-11 | CONNECTOR, BOARD TO BOARD 12P |

< DIODE >

| | | |
|---|---|---|
| D802 | 8-719-510-53 | DIODE D4SB60L |
| D806 | 8-719-302-38 | DIODE RBV-602-01 |
| D807 | 8-719-053-18 | DIODE 1SR154-400TE-25 |
| D808 | 8-719-053-18 | DIODE 1SR154-400TE-25 |
| D809 | 8-719-083-85 | DIODE UDZSTE-1722B |

## MOTHER

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| D810 | 8-719-053-18 | DIODE 1SR154-400TE-25 | |
| D811 | 8-719-053-18 | DIODE 1SR154-400TE-25 | |
| D812 | 8-719-053-18 | DIODE 1SR154-400TE-25 | |
| D813 | 8-719-070-30 | DIODE PTZ-TE25-5.6A | |
| D814 | 8-719-053-18 | DIODE 1SR154-400TE-25 | |
| D815 | 8-719-053-18 | DIODE 1SR154-400TE-25 | |
| D816 | 8-719-053-18 | DIODE 1SR154-400TE-25 | |
| D818 | 8-719-016-74 | DIODE 1SS352 | |
| D837 | 8-719-083-67 | DIODE UDZSTE-1720B | |
| D838 | 8-719-053-18 | DIODE 1SR154-400TE-25 | |
| D839 | 8-719-053-18 | DIODE 1SR154-400TE-25 | |
| D840 | 8-719-016-74 | DIODE 1SS352 | |
| D841 | 8-719-016-74 | DIODE 1SS352 | |
| D842 | 8-719-016-74 | DIODE 1SS352 | |
| D843 | 8-719-016-74 | DIODE 1SS352 | |
| D844 | 8-719-016-74 | DIODE 1SS352 | |
| D845 | 8-719-016-74 | DIODE 1SS352 | |
| D846 | 8-719-073-69 | DIODE PTZ-TE25-6.2A | |
| D847 | 8-719-073-69 | DIODE PTZ-TE25-6.2A | |
| | | < EARTH TERMINAL > | |
| EP803 | 1-537-770-21 | TERMINAL BOARD, GROUND | |
| EP804 | 1-537-770-21 | TERMINAL BOARD, GROUND | |
| | | < FERRITE BEAD > | |
| FB801 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB802 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB803 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB804 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| | | < IC > | |
| IC802 | 8-759-394-35 | IC BA12T | |
| IC804 | 8-759-450-47 | IC BA05T | |
| IC806 | 8-759-394-35 | IC BA12T | |
| IC807 | 8-759-245-86 | IC TA79012S | |
| IC808 | 8-759-450-47 | IC BA05T | |
| IC809 | 8-759-245-79 | IC TA79005S | |
| IC810 | 8-759-450-47 | IC BA05T | |
| IC811 | 8-759-445-59 | IC BA033T | |
| IC812 | 8-759-445-59 | IC BA033T | |
| IC813 | 8-759-450-47 | IC BA05T | |
| IC816 | 8-759-636-55 | IC M5218AFP | |
| IC817 | 8-759-545-66 | IC NJM3414AMP (TE2) | |
| IC818 | 8-759-545-66 | IC NJM3414AMP (TE2) | |
| IC819 | 6-700-942-01 | IC M62342FP | |
| IC820 | 8-759-445-59 | IC BA033T | |
| IC821 | 8-759-450-47 | IC BA05T | |
| IC822 | 8-759-701-59 | IC NJM78M09FA | |
| IC823 | 8-759-604-49 | IC M5F7909L | |
| IC825 | 8-759-450-47 | IC BA05T | |
| | | < TRANSISTOR > | |
| Q801 | 8-729-140-96 | TRANSISTOR 2SD774-34 | |
| Q802 | 8-729-209-15 | TRANSISTOR 2SD2012 | |
| Q803 | 8-729-900-53 | TRANSISTOR DTC114EK | |
| Q804 | 8-729-140-96 | TRANSISTOR 2SD774-34 | |
| Q805 | 8-729-027-23 | TRANSISTOR DTA114EKA-T146 | |
| Q806 | 8-729-140-93 | TRANSISTOR 2SB733-34 | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| Q809 | 8-729-216-31 | TRANSISTOR 2SA1163-G | |
| Q810 | 8-729-216-31 | TRANSISTOR 2SA1163-G | |
| Q811 | 8-729-216-31 | TRANSISTOR 2SA1163-G | |
| Q812 | 8-729-271-31 | TRANSISTOR 2SC2713-G | |
| Q813 | 8-729-271-31 | TRANSISTOR 2SC2713-G | |
| Q814 | 8-729-271-31 | TRANSISTOR 2SC2713-G | |
| Q815 | 8-729-271-31 | TRANSISTOR 2SC2713-G | |
| Q817 | 8-729-017-06 | TRANSISTOR 2SC4793 | |
| Q820 | 8-729-271-31 | TRANSISTOR 2SC2713-G | |
| Q821 | 8-729-271-31 | TRANSISTOR 2SC2713-G | |
| Q824 | 8-729-271-31 | TRANSISTOR 2SC2713-G | |
| Q825 | 8-729-017-05 | TRANSISTOR 2SA1837 | |
| Q826 | 8-729-271-31 | TRANSISTOR 2SC2713-G | |
| Q827 | 8-729-232-69 | FET 2SK208-GR3 | |
| Q828 | 8-729-271-31 | TRANSISTOR 2SC2713-G | |
| Q829 | 8-729-271-31 | TRANSISTOR 2SC2713-G | |
| Q833 | 8-729-027-38 | TRANSISTOR DTA144EKA-T146 | |
| Q834 | 8-729-216-31 | TRANSISTOR 2SA1163-G | |
| Q836 | 8-729-271-31 | TRANSISTOR 2SC2713-G | |
| Q837 | 8-729-271-31 | TRANSISTOR 2SC2713-G | |
| | | < RESISTOR > | |
| ⚠R801 | 1-249-401-11 | CARBON 47 5% 1/4W F | |
| ⚠R802 | 1-260-292-11 | CARBON 1 5% 1/2W F | |
| R803 | 1-208-449-41 | RES-CHIP 3.3K 2% 1/10W | |
| R804 | 1-208-518-41 | RES-CHIP 22K 2% 1/10W | |
| R805 | 1-216-673-11 | METAL CHIP 8.2K 0.5% 1/10W | |
| R806 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R807 | 1-216-627-11 | METAL CHIP 100 0.5% 1/10W | |
| R808 | 1-216-627-11 | METAL CHIP 100 0.5% 1/10W | |
| R809 | 1-216-627-11 | METAL CHIP 100 0.5% 1/10W | |
| R810 | 1-216-627-11 | METAL CHIP 100 0.5% 1/10W | |
| ⚠R811 | 1-212-934-00 | FUSIBLE 1 5% 1/2W F | |
| ⚠R812 | 1-212-934-00 | FUSIBLE 1 5% 1/2W F | |
| R813 | 1-216-699-11 | METAL CHIP 100K 0.5% 1/10W | |
| R814 | 1-216-699-11 | METAL CHIP 100K 0.5% 1/10W | |
| ⚠R815 | 1-249-417-11 | CARBON 1K 5% 1/4W F | |
| ⚠R816 | 1-249-417-11 | CARBON 1K 5% 1/4W F | |
| R819 | 1-208-462-41 | RES-CHIP 10K 2% 1/10W | |
| R820 | 1-208-462-41 | RES-CHIP 10K 2% 1/10W | |
| R823 | 1-216-635-11 | METAL CHIP 220 0.5% 1/10W | |
| R824 | 1-208-449-41 | RES-CHIP 3.3K 2% 1/10W | |
| ⚠R825 | 1-215-869-11 | METAL OXIDE 1K 5% 1W F | |
| ⚠R826 | 1-215-869-11 | METAL OXIDE 1K 5% 1W F | |
| R829 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R830 | 1-208-462-41 | RES-CHIP 10K 2% 1/10W | |
| R832 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R833 | 1-208-462-41 | RES-CHIP 10K 2% 1/10W | |
| R838 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R839 | 1-216-627-11 | METAL CHIP 100 0.5% 1/10W | |
| R840 | 1-216-627-11 | METAL CHIP 100 0.5% 1/10W | |
| R841 | 1-208-437-41 | RES-CHIP 1K 2% 1/10W | |
| R842 | 1-216-657-11 | METAL CHIP 1.8K 0.5% 1/10W | |
| R843 | 1-249-818-11 | CARBON 4.7K 1% 1/2W | |
| R844 | 1-211-960-11 | METAL CHIP 22 0.5% 1/10W | |
| R845 | 1-208-449-41 | RES-CHIP 3.3K 2% 1/10W | |
| R848 | 1-211-960-11 | METAL CHIP 22 0.5% 1/10W | |

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

**MOTHER** **POWER** **PREOUT**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R849 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R850 | 1-208-774-11 | METAL CHIP | 470 | 0.5% | 1/10W |
| R851 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R852 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R853 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R854 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R855 | 1-259-341-81 | CARBON | 36K | 1% | 1/2W |
| R856 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R857 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R858 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R859 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R860 | 1-208-449-41 | RES-CHIP | 3.3K | 2% | 1/10W |
| R861 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R862 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R863 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R864 | 1-259-341-81 | CARBON | 36K | 1% | 1/2W |
| R865 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R866 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R867 | 1-216-635-11 | METAL CHIP | 220 | 0.5% | 1/10W |
| R868 | 1-208-449-41 | RES-CHIP | 3.3K | 2% | 1/10W |
| R869 | 1-260-028-11 | CARBON MELF | 470K | 2% | 1/8W |
| R870 | 1-208-449-41 | RES-CHIP | 3.3K | 2% | 1/10W |
| R871 | 1-260-028-11 | CARBON MELF | 470K | 2% | 1/8W |
| R872 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W |
| R873 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W |
| R875 | 1-259-939-11 | CARBON MELF | 24K | 2% | 1/8W |
| R876 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R877 | 1-259-317-81 | CARBON | 3.6K | 1% | 1/2W |
| R878 | 1-259-317-81 | CARBON | 3.6K | 1% | 1/2W |
| R887 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R891 | 1-260-014-11 | CARBON MELF | 33K | 2% | 1/8W |
| R895 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R896 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R897 | 1-208-558-41 | RES-CHIP | 1M | 2% | 1/10W |
| R898 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R899 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R900 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R901 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| ⚠R904 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| ⚠R906 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |

**********

1-688-672-11 POWER BOARD
**********

< SWITCH >

S701 1-771-349-21 SWITCH, KEYBOARD (I/⏻)

**********

A-4733-810-A PREOUT BOARD, COMPLETE
**********

< CAPACITOR >

| | | | | | |
|---|---|---|---|---|---|
| C1201 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1202 | 1-119-825-41 | ELECT | 22uF | 20% | 50V |
| C1203 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1204 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1205 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C1206 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1207 | 1-119-825-41 | ELECT | 22uF | 20% | 50V |
| C1208 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1209 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1210 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1211 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1212 | 1-137-457-11 | MYLAR | 0.0027uF | 5% | 100V |
| C1214 | 1-137-429-11 | MYLAR | 270PF | 5% | 50V |
| C1215 | 1-137-429-11 | MYLAR | 270PF | 5% | 50V |
| C1216 | 1-137-457-11 | MYLAR | 0.0027uF | 5% | 100V |
| C1218 | 1-137-457-11 | MYLAR | 0.0027uF | 5% | 100V |
| C1220 | 1-137-429-11 | MYLAR | 270PF | 5% | 50V |
| C1221 | 1-137-429-11 | MYLAR | 270PF | 5% | 50V |
| C1222 | 1-137-457-11 | MYLAR | 0.0027uF | 5% | 100V |
| C1224 | 1-137-457-11 | MYLAR | 0.0027uF | 5% | 100V |
| C1226 | 1-137-429-11 | MYLAR | 270PF | 5% | 50V |
| C1227 | 1-137-429-11 | MYLAR | 270PF | 5% | 50V |
| C1228 | 1-137-457-11 | MYLAR | 0.0027uF | 5% | 100V |
| C1230 | 1-137-457-11 | MYLAR | 0.0027uF | 5% | 100V |
| C1232 | 1-137-429-11 | MYLAR | 270PF | 5% | 50V |
| C1233 | 1-137-429-11 | MYLAR | 270PF | 5% | 50V |
| C1234 | 1-137-457-11 | MYLAR | 0.0027uF | 5% | 100V |
| C1236 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1237 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1238 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1239 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1240 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1241 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1242 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |
| C1243 | 1-119-850-11 | ELECT | 10uF | 20% | 100V |

< CONNECTOR >

| | | |
|---|---|---|
| CN1201 | 1-770-409-11 | CONNECTOR, BOARD TO BOARD 16P |
| CN1202 | 1-779-799-11 | PIN, CONNECTOR 9P |
| CN1203 | 1-770-406-11 | CONNECTOR, BOARD TO BOARD 10P |

< IC >

| | | |
|---|---|---|
| IC1201 | 8-759-238-47 | IC TC74HCT7007AF (EL) |
| IC1202 | 8-759-590-10 | IC TC9273F-012 (EL) |
| IC1203 | 8-759-711-85 | IC NJM4580E-D |
| IC1204 | 8-759-711-85 | IC NJM4580E-D |
| IC1205 | 8-759-835-79 | IC TC9274N-016 |
| IC1206 | 8-759-711-85 | IC NJM4580E-D |
| IC1207 | 8-759-711-85 | IC NJM4580E-D |
| IC1208 | 8-759-711-85 | IC NJM4580E-D |
| IC1209 | 8-759-711-85 | IC NJM4580E-D |

< RESISTOR >

| | | | | | |
|---|---|---|---|---|---|
| R1201 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1202 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1203 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1204 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W |
| R1205 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W |
| R1206 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R1207 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W |
| R1208 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R1209 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R1210 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R1212 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

## PREOUT RCOIL

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1213 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1214 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1215 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1216 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W |
| R1217 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W |
| R1218 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1219 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R1220 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R1221 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R1222 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W |
| R1223 | 1-260-008-11 | CARBON MELF | 10K | 2% | 1/8W |
| R1225 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1226 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1227 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1228 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1229 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1230 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1232 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1233 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W |
| R1234 | 1-260-007-11 | CARBON MELF | 8.2K | 2% | 1/8W |
| R1235 | 1-260-007-11 | CARBON MELF | 8.2K | 2% | 1/8W |
| R1236 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1237 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W |
| R1239 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1240 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1242 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1243 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W |
| R1244 | 1-260-007-11 | CARBON MELF | 8.2K | 2% | 1/8W |
| R1245 | 1-260-007-11 | CARBON MELF | 8.2K | 2% | 1/8W |
| R1246 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1247 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W |
| R1249 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1250 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1252 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1253 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W |
| R1254 | 1-260-007-11 | CARBON MELF | 8.2K | 2% | 1/8W |
| R1255 | 1-260-007-11 | CARBON MELF | 8.2K | 2% | 1/8W |
| R1256 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1257 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W |
| R1259 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1260 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1262 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1263 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W |
| R1264 | 1-260-007-11 | CARBON MELF | 8.2K | 2% | 1/8W |
| R1265 | 1-260-007-11 | CARBON MELF | 8.2K | 2% | 1/8W |
| R1266 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1267 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W |
| R1269 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1270 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1271 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1272 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1273 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1274 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1275 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1276 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1277 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | A-4733-771-A | RCOIL BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C1674 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C1675 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C1676 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C1677 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C1678 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C1679 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C1680 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C1681 | 1-100-598-11 | MYLAR | 1uF | 5% | 250V |
| C1718 | 1-100-153-11 | CERAMIC CHIP | 220PF | 5% | 100V |
| C1719 | 1-100-153-11 | CERAMIC CHIP | 220PF | 5% | 100V |
| C1720 | 1-100-153-11 | CERAMIC CHIP | 220PF | 5% | 100V |
| C1721 | 1-100-153-11 | CERAMIC CHIP | 220PF | 5% | 100V |
| C1726 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1727 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1728 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1729 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1734 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1735 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1736 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1737 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1742 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C1743 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C1744 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C1745 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C1748 | 1-100-153-11 | CERAMIC CHIP | 220PF | 5% | 100V |
| C1749 | 1-100-153-11 | CERAMIC CHIP | 220PF | 5% | 100V |
| C1750 | 1-100-153-11 | CERAMIC CHIP | 220PF | 5% | 100V |
| C1751 | 1-100-153-11 | CERAMIC CHIP | 220PF | 5% | 100V |
| C1754 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1755 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1756 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1757 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1760 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1761 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1762 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1763 | 1-100-155-11 | CERAMIC CHIP | 470PF | 5% | 100V |
| C1766 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C1767 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C1768 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| C1769 | 1-100-158-11 | CERAMIC CHIP | 1000PF | 5% | 100V |
| | | < CONNECTOR > | | | |
| * CN1512 | 1-564-242-00 | PIN, CONNECTOR (3.96mm PITCH) 5P | | | |
| * CN1516 | 1-564-241-11 | PIN, CONNECTOR (3.96mm PITCH) 4P | | | |
| | | < EARTH TERMINAL > | | | |
| EP1506 | 1-537-770-21 | TERMINAL BOARD, GROUND | | | |
| | | < COIL > | | | |
| L1507 | 1-456-411-11 | INDUCTOR | 10uH | | |
| L1508 | 1-456-411-11 | INDUCTOR | 10uH | | |
| L1509 | 1-456-411-11 | INDUCTOR | 10uH | | |
| L1510 | 1-456-411-11 | INDUCTOR | 10uH | | |
| L1511 | 1-456-411-11 | INDUCTOR | 10uH | | |

**RCOIL** | **RSP** | **S. F** | **SUB**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| L1512 | 1-456-411-11 | INDUCTOR | 10uH | | |
| L1513 | 1-456-411-11 | INDUCTOR | 10uH | | |
| L1514 | 1-456-411-11 | INDUCTOR | 10uH | | |
| | | < RESISTOR > | | | |
| R1735 | 1-249-818-11 | CARBON | 4.7K | 1% | 1/2W |
| R1736 | 1-249-818-11 | CARBON | 4.7K | 1% | 1/2W |
| R1737 | 1-249-818-11 | CARBON | 4.7K | 1% | 1/2W |
| R1738 | 1-249-818-11 | CARBON | 4.7K | 1% | 1/2W |
| ********** | | | | | |
| | A-4733-833-A | RSP BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C626 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C627 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C631 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C632 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C638 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C639 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C640 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| C641 | 1-100-154-11 | CERAMIC CHIP | 330PF | 5% | 100V |
| | | < CONNECTOR > | | | |
| * CN603 | 1-564-674-11 | PIN, CONNECTOR (3.96mm PITCH) 8P | | | |
| | | < TERMINAL > | | | |
| TM602 | 1-780-032-11 | TERMINAL BOARD (SP) (8P) | | | |
| (SPEAKERS SURROUND) | | | | | |
| ********** | | | | | |
| | A-4733-775-A | S. F BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < RESISTOR > | | | |
| R746 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R747 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |
| R752 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| | | < SWITCH > | | | |
| S712 | 1-771-349-21 | SWITCH, KEYBOARD (2CH) | | | |
| S713 | 1-771-349-21 | SWITCH, KEYBOARD (A. F. D) | | | |
| S714 | 1-771-349-21 | SWITCH, KEYBOARD (MOVIE) | | | |
| S715 | 1-771-349-21 | SWITCH, KEYBOARD (MUSIC) | | | |
| ********** | | | | | |
| | A-4733-790-A | SUB BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C1001 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1002 | 1-119-799-11 | ELECT | 47uF | 20% | 25V |
| C1003 | 1-119-799-11 | ELECT | 47uF | 20% | 25V |
| C1004 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C1005 | 1-119-824-31 | ELECT | 10uF | 20% | 50V |
| C1011 | 1-137-471-11 | MYLAR | 0.016uF | 5% | 50V |
| C1012 | 1-137-471-11 | MYLAR | 0.016uF | 5% | 50V |
| C1013 | 1-136-162-00 | MYLAR | 0.056uF | 5% | 50V |
| C1014 | 1-136-162-00 | MYLAR | 0.056uF | 5% | 50V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C1017 | 1-119-801-11 | ELECT | 220uF | 20% | 25V |
| C1018 | 1-119-801-11 | ELECT | 220uF | 20% | 25V |
| C1021 | 1-163-125-00 | CERAMIC CHIP | 220PF | 5% | 50V |
| C1022 | 1-163-125-00 | CERAMIC CHIP | 220PF | 5% | 50V |
| C1023 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1024 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1026 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V |
| C1027 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V |
| C1037 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1038 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1044 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1047 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1048 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1049 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1050 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1051 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1052 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1053 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1054 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1055 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1056 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1057 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1058 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1059 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1060 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1061 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1062 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C1063 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1064 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1065 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1066 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1067 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1068 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1069 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C1070 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1071 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1072 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1073 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1074 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1075 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1076 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C1077 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1078 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1079 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1080 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1081 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1082 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1083 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1084 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C1085 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1086 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1087 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1088 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1089 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1090 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1091 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1092 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |

## SUB

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C1093 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C1094 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1095 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1096 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1101 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| C1102 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| | | < CONNECTOR > | | | |
| CN1001 | 1-770-405-11 | CONNECTOR, BOARD TO BOARD 8P | | | |
| CN1002 | 1-770-408-11 | CONNECTOR, BOARD TO BOARD 14P | | | |
| CN1003 | 1-770-408-11 | CONNECTOR, BOARD TO BOARD 14P | | | |
| CN1005 | 1-779-978-11 | PIN, CONNECTOR 3P | | | |
| CN1006 | 1-770-407-11 | CONNECTOR, BOARD TO BOARD 12P | | | |
| | | < DIODE > | | | |
| D1003 | 8-719-016-74 | DIODE 1SS352 | | | |
| | | < IC > | | | |
| IC1001 | 8-759-238-47 | IC TC74HCT7007AF (EL) | | | |
| IC1002 | 8-759-711-85 | IC NJM4580E-D | | | |
| IC1005 | 8-759-233-44 | IC TC74HC595AF | | | |
| IC1006 | 8-759-711-85 | IC NJM4580E-D | | | |
| IC1009 | 8-759-711-85 | IC NJM4580E-D | | | |
| IC1010 | 8-759-835-78 | IC TC9274N-015 | | | |
| IC1011 | 8-759-711-85 | IC NJM4580E-D | | | |
| IC1012 | 8-759-711-85 | IC NJM4580E-D | | | |
| IC1013 | 8-759-711-85 | IC NJM4580E-D | | | |
| IC1014 | 8-759-711-85 | IC NJM4580E-D | | | |
| IC1015 | 8-759-835-78 | IC TC9274N-015 | | | |
| IC1016 | 8-759-711-85 | IC NJM4580E-D | | | |
| IC1017 | 8-759-711-85 | IC NJM4580E-D | | | |
| IC1018 | 8-759-711-85 | IC NJM4580E-D | | | |
| | | < JACK > | | | |
| J1001 | 1-784-934-11 | JACK, PIN 4P (AUDIO PHONO IN, TUNER IN) | | | |
| J1002 | 1-784-934-11 | JACK, PIN 4P (VIDEO AUDIO TV/SAT IN, DVD IN) | | | |
| J1003 | 1-784-934-11 | JACK, PIN 4P (VIDEO AUDIO LD IN, VIDEO 4 IN) | | | |
| J1004 | 1-784-934-11 | JACK, PIN 4P (VIDEO AUDIO VIDEO 3 IN, VIDEO 3 OUT) | | | |
| J1005 | 1-784-934-11 | JACK, PIN 4P (VIDEO AUDIO VIDEO 2 IN, VIDEO 2 OUT) | | | |
| J1006 | 1-784-934-11 | JACK, PIN 4P (VIDEO AUDIO VIDEO 1 IN, VIDEO 1 OUT) | | | |
| | | < TRANSISTOR > | | | |
| Q1001 | 8-729-421-19 | TRANSISTOR | UN2213 | | |
| Q1002 | 8-729-424-08 | TRANSISTOR | UN2111 | | |
| Q1003 | 8-729-421-19 | TRANSISTOR | UN2213 | | |
| Q1004 | 8-729-424-08 | TRANSISTOR | UN2111 | | |
| Q1005 | 8-729-421-19 | TRANSISTOR | UN2213 | | |
| Q1006 | 8-729-424-08 | TRANSISTOR | UN2111 | | |
| | | < RESISTOR > | | | |
| R1001 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1002 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1003 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1004 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1005 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1006 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R1007 | 1-259-987-11 | CARBON MELF | 220 | 2% | 1/8W |
| R1008 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1009 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W |
| R1010 | 1-259-987-11 | CARBON MELF | 220 | 2% | 1/8W |
| R1011 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1012 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1017 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W |
| R1018 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W |
| R1021 | 1-260-017-11 | CARBON MELF | 56K | 2% | 1/8W |
| R1022 | 1-260-017-11 | CARBON MELF | 56K | 2% | 1/8W |
| R1023 | 1-259-984-11 | CARBON MELF | 120 | 2% | 1/8W |
| R1024 | 1-259-984-11 | CARBON MELF | 120 | 2% | 1/8W |
| R1030 | 1-259-996-11 | CARBON MELF | 1.2K | 2% | 1/8W |
| R1031 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1032 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1033 | 1-259-996-11 | CARBON MELF | 1.2K | 2% | 1/8W |
| R1036 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1037 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W |
| R1044 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1045 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1053 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1054 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1055 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1056 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1057 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1058 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1061 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1062 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1063 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1064 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1065 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1066 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1067 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1068 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1069 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1070 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1071 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1072 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1073 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1074 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1075 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1076 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1077 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1078 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1079 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1080 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1081 | 1-259-999-11 | CARBON MELF | 2.2K | 2% | 1/8W |
| R1082 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1083 | 1-259-999-11 | CARBON MELF | 2.2K | 2% | 1/8W |
| R1084 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1085 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1086 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1087 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1088 | 1-259-999-11 | CARBON MELF | 2.2K | 2% | 1/8W |

**SUB** **S-VIDEO**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1089 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1090 | 1-259-999-11 | CARBON MELF | 2.2K | 2% | 1/8W |
| R1091 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1092 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1093 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W |
| R1094 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1095 | 1-259-977-11 | CARBON MELF | 33 | 2% | 1/8W |
| R1096 | 1-259-999-11 | CARBON MELF | 2.2K | 2% | 1/8W |
| R1097 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1098 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1099 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R1100 | 1-259-999-11 | CARBON MELF | 2.2K | 2% | 1/8W |
| R1106 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1107 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1108 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W |
| R1109 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R1110 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W |
| R1111 | 1-216-295-00 | SHORT CHIP | 0 | | |
| | | < RELAY > | | | |
| RY1003 | 1-755-486-11 | RELAY | | | |

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| | | | | | |
|---|---|---|---|---|---|
| | A-4733-744-A | S-VIDEO BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C401 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C402 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C403 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C404 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C405 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C406 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C408 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C409 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C410 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C412 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C413 | 1-119-820-11 | ELECT | 1uF | 20% | 50V |
| C414 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C416 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C417 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C418 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C419 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C420 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C421 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C422 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C423 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C424 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C425 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C426 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C427 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C428 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C429 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C430 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C431 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C432 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C433 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C434 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C435 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C436 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C437 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C439 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C440 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C441 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C442 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C443 | 1-128-832-11 | ELECT | 220uF | 20% | 10V |
| C444 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C445 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C446 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C447 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C448 | 1-128-832-11 | ELECT | 220uF | 20% | 10V |
| C449 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C450 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C451 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C452 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C453 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C454 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C456 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| | | < CONNECTOR > | | | |
| CN401 | 1-770-412-11 | CONNECTOR, BOARD TO BOARD 6P | | | |
| CN402 | 1-770-411-11 | CONNECTOR, BOARD TO BOARD 20P | | | |
| CN403 | 1-784-921-11 | PIN, CONNECTOR 4P | | | |
| | | < DIODE > | | | |
| D401 | 8-719-016-74 | DIODE 1SS352 | | | |
| | | < IC > | | | |
| IC401 | 8-759-837-27 | IC LA7108M-TLM | | | |
| IC402 | 8-759-837-27 | IC LA7108M-TLM | | | |
| IC403 | 8-759-663-94 | IC LA7106M-TLM | | | |
| IC404 | 8-759-663-94 | IC LA7106M-TLM | | | |
| IC405 | 8-759-711-85 | IC NJM4580E-D | | | |
| IC406 | 8-759-009-05 | IC MC14051BF | | | |
| IC407 | 8-759-009-05 | IC MC14051BF | | | |
| IC408 | 8-759-009-05 | IC MC14051BF | | | |
| IC409 | 8-759-009-05 | IC MC14051BF | | | |
| IC410 | 8-759-009-05 | IC MC14051BF | | | |
| IC411 | 8-759-710-86 | IC NJM2233BM | | | |
| IC412 | 8-759-710-86 | IC NJM2233BM | | | |
| | | < JACK > | | | |
| J401 | 1-779-801-11 | CONNECTOR (ROUND TYPE) (MONITOR OUT S2 VIDEO OUT1, OUT2) | | | |
| J402 | 1-779-801-11 | CONNECTOR (ROUND TYPE) (VIDEO S2 VIDEO DVD IN, TV/SAT IN) | | | |
| J403 | 1-779-801-11 | CONNECTOR (ROUND TYPE) (VIDEO S2 VIDEO VIDEO 4 IN, LD IN) | | | |
| J404 | 1-779-801-11 | CONNECTOR (ROUND TYPE) (VIDEO S2 VIDEO VIDEO 3 OUT, IN) | | | |
| J405 | 1-779-801-11 | CONNECTOR (ROUND TYPE) (VIDEO S2 VIDEO VIDEO 2 OUT, IN) | | | |
| J406 | 1-779-801-11 | CONNECTOR (ROUND TYPE) (VIDEO S2 VIDEO VIDEO 1 OUT, IN) | | | |

## S-VIDEO VIDEO

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < COIL > | | | |
| L401 | 1-410-775-21 | INDUCTOR | 10mH | | |
| | | < TRANSISTOR > | | | |
| Q401 | 8-729-421-19 | TRANSISTOR | UN2213 | | |
| Q402 | 8-729-424-18 | TRANSISTOR | UN2113 | | |
| Q403 | 8-729-421-19 | TRANSISTOR | UN2213 | | |
| Q404 | 8-729-424-18 | TRANSISTOR | UN2113 | | |
| | | < RESISTOR > | | | |
| R401 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R402 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R403 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R404 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R405 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R406 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R407 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R408 | 1-216-671-11 | METAL CHIP | 6.8K | 0.5% | 1/10W |
| R409 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R410 | 1-216-671-11 | METAL CHIP | 6.8K | 0.5% | 1/10W |
| R411 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R412 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R415 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R416 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R418 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R420 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R421 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R422 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R423 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R424 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R425 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R426 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R427 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R428 | 1-208-558-41 | RES-CHIP | 1M | 2% | 1/10W |
| R429 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R430 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R431 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R432 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R433 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R434 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R435 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R436 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R437 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R438 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R439 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R440 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R441 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R442 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R443 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R444 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R445 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R446 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R447 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R449 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R450 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R451 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R452 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R453 | 1-216-665-11 | METAL CHIP | 3.9K | 0.5% | 1/10W |
| R454 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R455 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R456 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R457 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R458 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R460 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R461 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R462 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R464 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R465 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R466 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R467 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R468 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R469 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R470 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R471 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R472 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R474 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R475 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R476 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R478 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R479 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R480 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R481 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R482 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R492 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R493 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R494 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R495 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R496 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |

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A-4733-743-A VIDEO BOARD, COMPLETE

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< CAPACITOR >

| | | | | | |
|---|---|---|---|---|---|
| C301 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C302 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C303 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C304 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C305 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C306 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C307 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C308 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C309 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C310 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C311 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C312 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C313 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C314 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C315 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C316 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C317 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C318 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C319 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C320 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C321 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |

**VIDEO** **VOL** **VOL. LED**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C322 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C323 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C324 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C325 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C326 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C327 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C328 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C329 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C330 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C331 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C332 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C333 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C334 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C335 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C336 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C337 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C338 | 1-128-832-11 | ELECT | 220uF | 20% | 10V |
| C339 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C340 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C341 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C342 | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5% | 50V |
| C343 | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5% | 50V |
| C344 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C345 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C346 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| | | < CONNECTOR > | | | |
| CN301 | 1-770-405-11 | CONNECTOR, BOARD TO BOARD 8P | | | |
| CN302 | 1-770-410-11 | CONNECTOR, BOARD TO BOARD 18P | | | |
| * CN303 | 1-564-704-11 | PIN, CONNECTOR (SMALL TYPE) 2P | | | |
| | | < IC > | | | |
| IC301 | 8-759-238-47 | IC TC74HCT7007AF (EL) | | | |
| IC302 | 8-759-233-44 | IC TC74HC595AF | | | |
| IC303 | 8-759-233-44 | IC TC74HC595AF | | | |
| IC304 | 8-759-837-27 | IC LA7108M-TLM | | | |
| IC305 | 8-759-663-94 | IC LA7106M-TLM | | | |
| IC306 | 8-759-009-05 | IC MC14051BF | | | |
| IC307 | 8-759-009-05 | IC MC14051BF | | | |
| IC308 | 8-759-710-86 | IC NJM2233BM | | | |
| | | < JACK > | | | |
| J301 | 1-793-522-11 | JACK, PIN 2P (MONITOR OUT VIDEO OUT 1, OUT 2) | | | |
| J302 | 1-785-866-21 | JACK, PIN 3P (VIDEO TV/SAT IN, DVD IN, LD IN) | | | |
| J303 | 1-793-522-11 | JACK, PIN 2P (VIDEO VIDEO 4 IN, VIDEO 3 IN)) | | | |
| J304 | 1-793-522-11 | JACK, PIN 2P (VIDEO VIDEO 3 OUT, VIDEO 2 IN) | | | |
| J305 | 1-785-866-21 | JACK, PIN 3P (VIDEO VIDEO 2 OUT, VIDEO 1 IN, VIDEO 1 OUT) | | | |
| | | < RESISTOR > | | | |
| R301 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R302 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R303 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R304 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R305 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R306 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R307 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R308 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R309 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R310 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R311 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R312 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R313 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R314 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R315 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R316 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R317 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R318 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R319 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R320 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R321 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R322 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R323 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R324 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R325 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R326 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R327 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R328 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R329 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R330 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R331 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R332 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R333 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R334 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R335 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R336 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R337 | 1-208-755-11 | METAL CHIP | 75 | 0.5% | 1/10W |
| R338 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R339 | 1-208-462-41 | RES-CHIP | 10K | 2% | 1/10W |
| R340 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W |
| R347 | 1-216-651-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R349 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| ********** | | | | | |
| | 1-688-677-11 | VOL BOARD | | | |
| | | ********* | | | |
| | | < ROTARY ENCODER > | | | |
| RV703 | 1-477-382-11 | ENCODER, ROTARY (MASTER VOLUME) | | | |
| ********** | | | | | |
| | A-4733-741-A | VOL. LED BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CONNECTOR > | | | |
| CNS708 | 1-568-741-11 | SOCKET, CONNECTOR 23P | | | |
| | | < LED > | | | |
| D723 | 6-500-475-01 | LED SML310BATT86 (ILLUMINATION) | | | |
| D724 | 6-500-475-01 | LED SML310BATT86 (ILLUMINATION) | | | |
| D725 | 6-500-475-01 | LED SML310BATT86 (ILLUMINATION) | | | |
| D726 | 6-500-475-01 | LED SML310BATT86 (ILLUMINATION) | | | |
| D727 | 6-500-475-01 | LED SML310BATT86 (ILLUMINATION) | | | |

## VOL. LED

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| D728 | 6-500-475-01 | LED SML310BATT86 (ILLUMINATION) | |
| D729 | 6-500-475-01 | LED SML310BATT86 (ILLUMINATION) | |
| D730 | 6-500-475-01 | LED SML310BATT86 (ILLUMINATION) | |
| D731 | 6-500-475-01 | LED SML310BATT86 (ILLUMINATION) | |
| D732 | 6-500-475-01 | LED SML310BATT86 (ILLUMINATION) | |
| D733 | 6-500-475-01 | LED SML310BATT86 (ILLUMINATION) | |
| D734 | 8-719-067-00 | LED SML-210DTT86(ILLUMINATION) | |
| D735 | 8-719-067-00 | LED SML-210DTT86(ILLUMINATION) | |
| D736 | 8-719-067-00 | LED SML-210DTT86(ILLUMINATION) | |
| D737 | 8-719-067-00 | LED SML-210DTT86(ILLUMINATION) | |
| D738 | 8-719-067-00 | LED SML-210DTT86(ILLUMINATION) | |
| D739 | 8-719-067-00 | LED SML-210DTT86(ILLUMINATION) | |
| D740 | 8-719-067-00 | LED SML-210DTT86(ILLUMINATION) | |
| D741 | 8-719-067-00 | LED SML-210DTT86(ILLUMINATION) | |
| D742 | 8-719-067-00 | LED SML-210DTT86(ILLUMINATION) | |
| | | < RESISTOR > | |
| R744 | 1-208-425-41 | RES-CHIP 330 2% 1/10W | |
| R745 | 1-216-635-11 | METAL CHIP 220 0.5% 1/10W | |
| ********** | | | |
| | | MISCELLANEOUS | |
| | | ********** | |
| 104 | 1-773-175-11 | WIRE (FLAT TYPE) (23 CORE) | |
| 504 | 1-543-653-11 | CORE ASSY, BEAD (DIVISION TYPE) | |
| 554 | 1-543-653-11 | CORE ASSY, BEAD (DIVISION TYPE) | |
| 556 | 1-500-021-11 | CLAMP, SLEEVE FERRITE | |
| 557 | 1-500-511-11 | CORE, FERRITE | |
| ⚠F1 | 1-532-506-51 | FUSE (T6.3A/250V) (AEP, KR) | |
| ⚠F1 | 1-576-379-11 | FUSE (15A/250V) (TW) | |
| ⚠F2 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F802 | 1-532-464-51 | FUSE (T2.5A/125V) (AEP, KR) | |
| ⚠F802 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| ⚠F803 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F803 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| ⚠F804 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F804 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| ⚠F805 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F805 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| ⚠F806 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F806 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| ⚠F807 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F807 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| ⚠F808 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F808 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| ⚠F809 | 1-532-464-51 | FUSE (T2.5A/250V) (AEP, KR) | |
| ⚠F809 | 1-533-418-11 | FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (TW) | |
| Q807 | 6-550-629-01 | FET 2SK1382 | |
| Q808 | 6-550-629-01 | FET 2SK1382 | |
| Q822 | 8-749-010-25 | IC MN2488-OPY-M | |
| Q823 | 8-749-010-25 | IC MN2488-OPY-M | |
| ⚠T1 | 1-439-818-11 | TRANSFORMER, POWER (AEP, KR) | |
| ⚠T1 | 1-439-876-11 | TRANSFORMER, POWER (TW) | |
| THP1 | 1-817-728-11 | SENSOR, THERMISTOR | |
| ********** | | | |
| | | ACCESSORIES | |
| | | ********** | |
| | 1-478-001-11 | COMMANDER, STANDARD (RM-LJ312) | |
| ⚠ | 1-551-631-22 | CORD, POWER (AEP) | |
| ⚠ | 1-828-109-11 | CORD, POWER (TW) | |
| ⚠ | 1-828-063-11 | CORD, POWER (KR) | |
| | 4-241-478-01 | COVER, BATTERY (for RM-LJ312) | |
| | 4-247-235-11 | MANUAL, INSTRUCTION (for RM-LJ312) (ENGLISH) (AEP, TW) | |
| | 4-247-235-21 | MANUAL, INSTRUCTION (for RM-LJ312) (FRENCH) (AEP) | |
| | 4-247-235-31 | MANUAL, INSTRUCTION (for RM-LJ312) (SPANISH, GERMAN, DUTCH, ITALIAN, SWEDISH, POLISH) (AEP) | |
| | 4-247-235-41 | MANUAL, INSTRUCTION (for RM-LJ312) (KOREAN) (KR) | |
| | 4-247-235-51 | MANUAL, INSTRUCTION (for RM-LJ312) (PORUTUGUESE, DANNISH, FINNISH, RUSSIAN) (AEP) | |
| | 4-247-235-61 | MANUAL, INSTRUCTION (for RM-LJ312) (GREEK, HUNGARIAN, CZECH, SLOVAKIAN) (AEP) | |
| | 4-247-235-71 | MANUAL, INSTRUCTION (for RM-LJ312) (TRADITIONAL CHINESE, SIMPLIFIED CHINESE) (TW) | |
| | 4-249-347-13 | MANUAL, INSTRUCTION (ENGLISH) (AEP, TW) | |
| | 4-249-347-22 | MANUAL, INSTRUCTION (FRENCH) (AEP) | |
| | 4-249-347-32 | MANUAL, INSTRUCTION (SPANISH) (AEP) | |
| | 4-249-347-42 | MANUAL, INSTRUCTION (GERMAN, DUTCH, ITALIAN) (AEP) | |
| | 4-249-347-52 | MANUAL, INSTRUCTION (SWEDISH, POLISH) (AEP) | |
| | 4-249-347-62 | MANUAL, INSTRUCTION (TRADITIONAL CHINESE) (TW) | |
| | 4-249-347-71 | MANUAL, INSTRUCTION (KOREAN) (KR) | |
| | 4-249-348-11 | MANUAL, INSTRUCTION (PORUTUGUESE) (AEP) | |
| | 4-249-348-21 | MANUAL, INSTRUCTION (DANISH, FINNISH) (AEP) | |
| | 4-249-348-31 | MANUAL, INSTRUCTION (RUSSIAN) (AEP) | |
| | 4-249-348-41 | MANUAL, INSTRUCTION (GREEK) (AEP) | |
| | 4-249-348-51 | MANUAL, INSTRUCTION (HUNGARIAN, CZECH) (AEP) | |
| | 4-249-348-61 | MANUAL, INSTRUCTION (SLOVAKIAN) (AEP) | |

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

*MEMO*

# REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

| Ver. | Date | Description of Revision |
|---|---|---|
| 1.0 | 2003.10 | New |
| 1.1 | 2003.12 | Addition of “OPERATION CHECK OF i.LINK TERMINAL” to TEST MODE (SPM-03119) |
| 1.2 | 2004.09 | Addition of “ERROR MESSAGES” to SERVICING NOTES<br>Correction of “SUPER RESET” in TEST MODE (ENG-04006/SPM-04087) |
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